

# TSD File Inventory Index

Date: February 6, 2001

Initial: CMH/MSK

Facility Name: <u>G/MC (Fisher Body Division- Electrical Plant Ore Refractory)</u>			
Facility Identification Number: <u>MID 988 700 876</u>			
<b>A.1 General Correspondence</b>	Y	<b>B.2 Permit Docket (B.1.2)</b>	
<b>A.2 Part A / Interim Status</b>	Y	.1 Correspondence	
.1 Correspondence	Y	.2 All Other Permitting Documents (Not Part of the ARA)	
.2 Notification and Acknowledgment	Y	<b>C.1 Compliance - (Inspection Reports)</b>	Y
.3 Part A Application and Amendments	Y	<b>C.2 Compliance/Enforcement</b>	Y
.4 Financial Insurance (Sudden, Non Sudden)		.1 Land Disposal Restriction Notifications	
.5 Change Under Interim Status Requests		.2 Import/Export Notifications	
.6 Annual and Biennial Reports	Y	<b>C.3 FOIA Exemptions - Non-Releasable Documents</b>	
<b>A.3 Groundwater Monitoring</b>		<b>D.1 Corrective Action/Facility Assessment</b>	Y
.1 Correspondence		.1 RFA Correspondence	Y
.2 Reports		.2 Background Reports, Supporting Docs and Studies	
<b>A.4 Closure/Post Closure</b>		.3 State Prelim. Investigation Memos	
.1 Correspondence		.4 RFA Reports	Y
.2 Closure/Post Closure Plans, Certificates, etc		<b>D. 2 Corrective Action/Facility Investigation</b>	
<b>A.5 Ambient Air Monitoring</b>		.1 RFI Correspondence	
.1 Correspondence		.2 RFI Workplan	
.2 Reports		.3 RFI Program Reports and Oversight	
<b>B.1 Administrative Record</b>		.4 RFI Draft /Final Report	

Total - 1

.5 RFI QAPP		.7 Lab data, Soil Sampling/Groundwater	
.6 RFI QAPP Correspondence		.8 Progress Reports	
.7 Lab Data, Soil-Sampling/Groundwater		D.3 Corrective Action/Enforcement	
.8 RFI Progress Reports		.1 Administrative Record 3008(h) Order	
.9 Interim Measures Correspondence		.2 Other Non-AR Documents	
.10 Interim Measures Workplan and Reports		D.6 Environmental Indicator Determinations	
D.3 Corrective Action/Remediation Study		.1 Forms/Checklists	
.1 CMS Correspondence		E. Boilers and Industrial Furnaces (BIF)	
.2 Interim Measures		.1 Correspondence	
.3 CMS Workplan		.2 Reports	
.4 CMS Draft/Final Report		F Imagery/Special Studies (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		G.1 Risk Assessment	
.6 CMS Progress Reports		.1 Human/Ecological Assessment	
.7 Lab Data, Soil-Sampling/Groundwater		.2 Compliance and Enforcement	
D.4 Corrective Action Remediation Implementation		.3 Enforcement Confidential	
.1 CMI Correspondence		.4 Ecological - Administrative Record	
.2 CMI Workplan		.5 Permitting	
.3 CMI Program Reports and Oversight		.6 Corrective Action Remediation Study	
.4 CMI Draft/Final Reports		.7 Corrective Action/Remediation Implementation	
.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI Correspondence		.9 Environmental Justice	

Note: Transmittal Letter to Be Included with Reports.

Comments: Documents do not justify individual field per schedule

**A.1 Public  
Participation**

C.4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V

VERIFICATION OF RECEIPT OF PUBLIC REVIEW MATERIALS

NAME OF LIBRARY: Detroit Public Library, Main, Bowen, Campbell, and Conely  
LIBRARY CONTACT: Branches. Doris Detwiler, Reference Division, Sociology  
LIBRARY LOCATION: and Economics Department, 5201 Woodward Avenue, Detroit,  
Michigan 48202

FACILITY NAME: General Motors Corporation, Fisher Body Fleetwood Plant  
FACILITY LOCATION: West Fort Street and West End Avenue, Detroit, Michigan  
FACILITY U.S. EPA ID NO: MID980700876

RECEIVED

MAR 08 1984

MATERIALS RECEIVED: Four Sets Of:

Public Notice  
Closure Plan  
Background Materials  
Return Envelopes  
Verification Sheet

WASTE MANAGEMENT  
BRANCH

\*\*DATE RECEIVED: 3-6-84

\*\*DATE OF PUBLIC AVAILABILITY: same 3-6-84

\*\*SIGNATURE OF RECEIVING PARTY: P. Pokutsky

PLEASE RETURN (IN SELF-ADDRESSED, POSTAGE AND FEES PAID ENVELOPE) TO:

U.S. ENVIRONMENTAL PROTECTION AGENCY  
230 SOUTH DEARBORN  
5HW-13  
CHICAGO, ILLINOIS 60604

ATTENTION: DIANE SHARROW



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V

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Public Notice  
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Return Envelopes  
Verification Sheet

RECEIVED  
MAR 07 1984

WASTE MANAGEMENT  
BRANCH

\*\*DATE RECEIVED: 2/29/84

\*\*DATE OF PUBLIC AVAILABILITY: 3/3/84

\*\*SIGNATURE OF RECEIVING PARTY: Doris Detwiler

PLEASE RETURN (IN SELF-ADDRESSED, POSTAGE AND FEES PAID ENVELOPE) TO:

U.S. ENVIRONMENTAL PROTECTION AGENCY  
230 SOUTH DEARBORN  
5HW-13  
CHICAGO, ILLINOIS 60604

ATTENTION: DIANE SHARROW

Ms. Doris Detwiler  
 Detroit Public Library  
 Reference Division  
 Sociology and Economics Department  
 5201 Woodward Avenue  
 Detroit, Michigan 48202

Dear Ms. Detwiler:

Pursuant to my telephone conversation with you on February 23, 1984, I am sending you copies of the Closure Plan and related background materials for the General Motors Corporation, Fisher Body Fleetwood Plant. These materials are to be made available to the public for review and comment through April 12, 1984, at the following four branches of the Detroit Public Library: the Main Branch, the Campbell Branch, the Conely Branch, and the Bowen Branch. I am also enclosing an advance copy of the Public Notice, advising the public of the availability of the enclosed materials at these four library branches. The Public Notice is scheduled to be published in the Detroit News on March 11, 1984.

Please return these materials in the enclosed self-addressed envelopes following the close of the 30-day comment period on April 12, 1984. Please inform me that you have received these materials by completing and signing the enclosed verification form. The form should be returned to me in the enclosed self-addressed, postage, and fees paid envelope.

Thank you very much for your cooperation in assisting our effort to serve the public.

Sincerely,

Diane M. Sharrow  
 Environmental Protection Assistant

Enclosures

SNW:WNB:RAIU USHARROW/dms

23  
 02/25/84

CONTACT: DIANE SHARROW (312) 886-3718 September 1973 4 Treasury FRM 2000      Standard Form No. 1143		<b>ADVERTISING ORDER</b>  ORDER NUMBER 02-23-84
DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE U.S. Environmental Protection Agency, Waste Management Branch		

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in the heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN	
The Detroit News	
SUBJECT OF ADVERTISEMENT	EDITION OF PAPER ADVERTISEMENT APPEARED
Public Notice	P.M.
NUMBER OF TIMES ADVERTISEMENT APPEARED	DATE(s) ADVERTISEMENT APPEARED
Single	March 11, 1984
SPECIFICATIONS FOR ADVERTISEMENT	

Place in Legal Notice/Classified Advertising Section

**COPY FOR ADVERTISEMENT**

Please see the attached

AUTHORITY TO ADVERTISE	INSTRUMENT OF ASSIGNMENT
NUMBER	NUMBER
DATE	DATE
SIGNATURE OF AUTHORIZING OFFICIAL	TITLE

**INSTRUCTIONS TO PUBLISHERS**

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than that specified. Specifications for advertising other than solid and the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC,  
 D.C. Bids are requested for first spring 1986 cement concrete repair contract, including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,000 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. Sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1985.

Your bill for this advertising order should be submitted on the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and a copy of the printed advertisement to ►

U.S. Environmental Protection Agency  
 Financial Operations Section  
 230 South Dearborn, Chicago, Illinois  
**IMPORTANT** 60604

Charges for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

# PUBLIC VOUCHER FOR ADVERTISING

For Agency Use Only

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE

VOUCHER NUMBER

U.S. Environmental Protection Agency, Waste Management Branch

PLACE VOUCHER PREPARED

DATE PREPARED

SCHEDULE NUMBER

230 South Dearborn, Chicago, Illinois 60604

02-23-84

NAME OF PUBLICATION

PAID BY

The Detroit News

NAME OF PUBLISHER OR REPRESENTATIVE

The Detroit News, Incorporated

ADDR: (Street, room number, city, State, and ZIP code)

615 LaFayette Boulevard, Detroit, Michigan 48231 ATTN: Legal  
Notices, Classified Advertising, (313) 222-2095

## CHARGES

TYPEFACE

(size of type)

(inch, square, word, or folio)

POINT PER

Line Rates		NUMBER OR LINES (Indicate counted or space)	COST PER LINE	TOTAL COST
	FIRST INSERTION		\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶			
	TOTAL			\$
Other Rates		NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
	FIRST INSERTION		\$	\$
	ADDITIONAL INSERTIONS GIVE NUMBER ▶			
	TOTAL			\$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES  
AND OTHER RATES

LESS DISCOUNT AT  
%

BALANCE DUE

\$

VERIFIED (Initials)

## AFFIDAVIT

This represents a true billing for the attached advertising order, with specifications and copy, which has been completed.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE

DATE

## FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	DATE PUBLISHED
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER	DATE
ACCOUNTING CLASSIFICATION Estimate: \$4.24 per line / 5 words per line Public Notice has approximately 53 lines Total: \$224.72	PAID BY CHECK NUMBER

<sup>1</sup> If the ability to certify and authority to approve are combined in one person enter "N/A" (not applicable) here.

PUBLIC NOTICE

The United States Environmental Protection Agency (U.S. EPA), has received a certification of change in status from the General Motors Corporation (GMC), Fisher Body Fleetwood Plant, West Fort Street and West End Avenue, Detroit, Michigan. GMC stores hazardous wastes in containers and tanks. This action will change the status of GMC from a storage facility to a generator storing for fewer than 90 days (per 40 CFR 262.34). The status change for this facility was effected by removing hazardous wastes stored for longer than 90 days and by limiting the present accumulation period to fewer than 90 days.

The certification of change in status was submitted to satisfy regulations promulgated under the Resource Conservation and Recovery Act, as amended. The U.S. EPA required the certification of change in status when GMC requested a change in status from a storage facility to a generator.

The closure plan and related background materials are available to the public at the U.S. EPA, Waste Management Branch, 230 South Dearborn Street, 13th Floor, Chicago, Illinois, (312) 886-3718, from 8:30 a.m. to 4:30 p.m., Monday through Friday. These materials may also be seen during business hours at the following branches of the Detroit Public Library: the Main Branch, 5201 Woodward Avenue; the Campbell Branch, 6625 West Fort Street; the Bower Branch, 3648 West Vernor Avenue; and the Conely Branch, 4600 Martin Avenue.

Public comments concerning the certification of this action are invited by the U.S. EPA and will be accepted through April 12, 1984. Please send comments to:

U.S. Environmental Protection Agency  
Region V - 5HW-13  
230 South Dearborn Street  
Chicago, Illinois 60604  
ATTN: Diane Sharrow



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

TO PART A FILE

COPY

MAR 16 1984

OFFICE OF  
SOLID WASTE AND EMERGENCY RESPONSE

WIBHF0305

MID 980 700 874

Mr. Thomas E. Clifford  
Fisher Body Division  
General Motors Corp.  
Fleetwood Plant  
W. Fort Street and West End Ave.  
Detroit, MI 48209

RECEIVED  
MAR 23 1984  
WASTE MANAGEMENT  
BRANCH

Dear Mr. Clifford:

The purpose of this letter is to collect data necessary to grant an exclusion under §260.22 of the RCRA regulations for Fisher Body's (Fleetwood Plant) treatment residue listed as EPA Hazardous Waste No. F006, as requested in your petition submitted on June 22, 1983. Both Houses of Congress are considering bills that would require EPA to revise its petition review procedure under 40 CFR 260.22. Under prior procedures, when a firm petitioned the Agency to exclude its waste from regulatory control, the Agency only considered those constituents in the waste stream which caused the waste to be initially listed. However, in many cases, other hazardous constituents are also present in the waste and we believe that these constituents should also be considered in the delisting review process. Congress shares this concern and is likely to pass a bill amending the Resource Conservation and Recovery Act (RCRA) that will require EPA to determine if other hazardous constituents are adequately characterized and quantified by the petitioner. Given this situation, the Agency has changed the delisting procedures to require all other hazardous constituents that may reasonably be expected to be present in each petitioned waste to be addressed.

Petitioners are now being requested to address additional factors and hazardous constituents other than those for which the petitioned waste was initially listed. Our concern is limited to those constituents for which there is a reasonable basis to believe that their presence in the waste will pose a significant potential threat to human health or the environment. The purpose of this letter is to request that you submit sufficient data to verify that such hazardous constituents are not present at levels of regulatory concern in the petitioned waste for which you have requested an exclusion.

Before the Agency can complete our review of your petition, the following additional information should be provided:

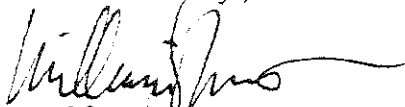
- (1) a more detailed list, description and schematic of all manufacturing processes, including surface and equipment preparation, cleaning and/or degreasing, coating or painting processes, which may contribute waste, wastewater, or rinse water to the waste stream petitioned for exclusion;
- (2) a complete list of all raw materials used, including chemical composition;
- (3) material safety data sheets, if available, identifying all solvents, acids, cleaners, surface preparation agents, paints, etc., used in the manufacturing process which may enter the wastestream petitioned for delisting;
- (4) an identification of sources and types of oils and hydraulic fluids which might enter the waste treatment system;
- (5) more information regarding the professional qualifications of those personnel conducting sampling and analysis (a brief resume will suffice);
- (6) a total constituent analysis of the waste (complete acid digestion) for each of the EP toxic metals, and nickel on a minimum of four representative samples;
- (7) a determination of the total oil and grease content of the waste by testing at least four representative samples using Method No. 502.D of Standard Methods for the Examination of Water and Wastewater, 14th Edition enclosed in the attached package;
- (8) a determination of TOC of the waste by testing at least four representative samples using Method No. 415.1 of Methods for Chemical Analysis of Water and Waste (March 1979) enclosed in the attached package.
- (9) please provide all standard addition data and spike concentrations from the standard addition method of recovery analysis.

If after reviewing the data specified above, the Agency finds that organic constituents or other metals are used in your facility's processes, you may be requested to submit representative test data quantifying these constituents in the waste. In order to ensure your petition is reviewed in a timely manner, it is essential you submit the data requested as soon as possible. To facilitate expeditious processing by the Agency please include your facility petition identification number as #0484 in all future correspondence with the Agency.

page -3-

If you have any questions regarding the data requested above,  
please do not hesitate to call me at 202-382-4770.

Sincerely,

A handwritten signature in dark ink, appearing to read 'William Sproat', with a long horizontal flourish extending to the right.

William Sproat  
Environmental Scientist  
Waste Identification Branch (WH-562)

Attachments



# DRAFT

## Constituents of Possible Interest to Refinery Listing Effort

### Metals

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium
- \* Cobalt
- Lead
- Mercury
- Nickel
- Selenium
- Vanadium

### Organics

- Acetonitrile
- Acrolein
- Acrylonitrile
- Aniline
- Anthracene
- Benz(c)acridine
- Benz(a)anthracene
- Benzene
- Benzenethiol
- Benzidine
- Benzo(b)fluoranthene
- Benzo(j)fluoranthene
- Benzo(k)fluoranthene
- Benzo(a)pyrene
- Benzyl chloride
- Bis(2-chloroethyl)ether
- Bis(2-chloroisopropyl)ether
- Bis(chloromethyl)ether
- Bis(2-ethylhexyl)phthalate
- Butyl benzyl phthalate
- Carbon Disulfide
- p-Chloro-m-cresol
- Chlorobenzene
- Chloroform
- Chloromethane
- 2-Chloronaphthalene
- 2-Chlorophenol
- Chrysene
- Cresol
- Crotonaldehyde
- Dibenz(a,h)acridine
- Dibenz(a,j)acridine
- Dibenz(a,h)anthracene
- 7H-Dibenzo(c,g)carbazole
- 7,12-Dimethylbenz(a)anthracene
- Dibenzo(a,e)pyrene
- Dibenzo(a,h)pyrene

Dibenzo(a,i)pyrene  
Di-n-butylphthalate  
1,1-Dichloroethane  
Dichlorobenzenes  
1,2-Dichloroethane  
1,1-Dichloroethylene  
1,2-Dichloroethylene  
Dichloromethane  
Dichloropropane  
Dichloropropanol  
Diethyl phthalate  
2,4-Dimethylphenol  
7,12-Dimethyl Benz(a)anthracene  
Dimethylphthalate  
4,6-Dinitro-o-cresol  
2,4-Dinitrophenol  
Dinitrotoluene  
Di-n-octyl phthalate  
1,4-Dioxane  
1,2-Diphenylhydrazine  
Ethyleneimine  
Ethylene dibromide  
Ethylene oxide  
Fluoranthene  
Hydrogen sulfide  
\* Hydroquinone  
+ Indene  
Indeno(1,2,3-cd)pyrene  
+ Isophorone  
2-Methyl Aziridine  
+ Methyl Benz(c)phenanthrene  
Methyl mercaptan  
3-Methylcholanthrene  
+ Methyl Chrysene  
Methyl ethyl ketone  
\* 1-Methyl naphthalene  
Naphthalene  
Naphthylamine  
+ 5-Nitroacenaphthene  
p-Nitroaniline  
Nitrobenzene  
Nitrophenol  
N-Nitrosodiethylamine  
Pentachlorophenol  
+ Phenanthrene  
Phenol  
+ Pyrene  
Pyridine  
+ Quinoline  
\* Styrene  
Tetrachloroethanes  
Tetrachloroethylene  
Toluene  
Trichlorobenzenes

Trichloroethanes  
Trichloroethylene  
Trichlorophenols  
+ Trimethyl Benz(a)anthracene

\*= constituents on the Michigan list

+ = Not in Appendix VIII, but could appear at significant levels  
and require listing

Bis(2-chloroethoxy) methane  
Hexachlorocyclopentadiene  
2-Chloronaphthalene  
Acenaphthylene  
Acenaphthene  
Dimethyl phthalate  
2,6-Dinitrotoluene  
Fluorene  
4-Chlorophenyl phenyl ether  
2,4-Dinitrotoluene  
Diethylphthalate  
N-Nitrosodiphenylamine  
Hexachlorobenzene  
4-Bromophenyl phenyl ether  
Phenanthrene  
Anthracene  
Dibutyl phthalate  
Fluoranthene  
Pyrene  
Benzidine  
Butyl benzyl phthalate  
Bis(2-ethylhexyl) phthalate  
Chrysene  
Benzo(a)anthracene  
3,3'-Dichlorobenzidine  
Di-n-octyl phthalate  
Benzo(b)fluoranthene  
Benzo(k)fluoranthene  
Benzo(a)pyrene  
Benzo(a)anthracene  
Benzo(c)phenanthrene  
Methyl chrysene  
3-Methylcholanthrene  
Dibenzo(a,h)anthracene  
Dibenzo(a,e)pyrene  
Indeno(1,2,3-c,d)pyrene  
Benzo(g,h,i)perylene  
N-Nitrosodimethyl amine

III. Semivolatile Acid Extractable Compounds

2-Chlorophenol  
2-Nitrophenol  
Phenol  
2,4-Dimethylphenol  
2,4-Dichlorophenol  
2,4,6-Trichlorophenol  
4-Chloro-3-methylphenol  
2,4-Dinitrophenol  
2-Methyl-4,6-dinitrophenol  
Pentachlorophenol  
4-Nitrophenol  
Dimethylamine  
Diethylamine

## ATTACHMENT A: LIST OF ORGANICS

### I. Volatiles

Chloromethane  
Bromomethane  
Vinyl chloride  
Chloroethane  
Methylene chloride  
Trichlorofluoromethane  
1,1-Dichloroethene  
1,1-Dichloroethane  
Chloroform  
1,2-Dichloroethane  
1,1,1-Trichloroethane  
Carbon tetrachloride  
Bromodichloromethane  
1,2-Dichloropropane  
trans-1,3-Dichloropropene  
Trichloroethene  
Benzene  
Dibromochloromethane  
1,1,2-Trichloroethane  
cis-3-Dichloropropene  
2-Chloroethylvinyl ether  
Bromoform  
1,1,2,2-Tetrachloroethane  
Tetrachloroethene  
Toluene  
Chlorobenzene  
Ethyl benzene  
1,3-Dichlorobenzene  
1,2-Dichlorobenzene  
1,4-Dichlorobenzene  
Xylenes

### II. Semivolatile Base/Neutral Extractable Compounds

1,3-Dichlorobenzene  
1,4-Dichlorobenzene  
Hexachloroethane  
Bis(2-chloroethyl) ether  
1,2-Dichlorobenzene  
Bis(2-chloroisopropyl) ether  
N-Nitrosodi-n-propyl amine  
Nitrobenzene  
Hexachlorobutadiene  
1,2,4-Trichlorobenzene  
Isophorone  
Naphthalene

**A.2 Part A/  
Interim Status**



SEP 8 1983

UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
230 SOUTH DEARBORN ST.  
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF

5HW-13

C. Kato, General Manager  
GMC Fisher Body Division  
30001 Van Dyke Avenue  
Warren, Michigan 48090

RE: Permit Application Withdrawal Letter  
(Insufficient Information)

FACILITY NAME: GMC-Fisher Body Division-Fleetwood Plant  
U.S. EPA ID NO.: MID 980 700 876

Dear Mr. Kato:

This is to acknowledge receipt of your letter of July 6, 1983, requesting the withdrawal of your Part A Hazardous Waste Permit Application. Your request did not contain sufficient information to enable this office to concur with your determination. Your request must contain a detailed explanation why the application should be withdrawn. Also, if at any time, since November 19, 1980, your operation included treatment, storage, or disposal of hazardous waste subject to 40 CFR 265, a closure plan must be filed with the withdrawal request. Requirements for closure are found in 40 CFR Part 265, Subpart G (enclosed).

If no response is received in this office within 30 days, we will assume your facility requires a permit. Accordingly, we will continue to process your application.

Please do not hesitate to contact the Technical, Permits and Compliance Section at (312) 353-2197 for assistance, if you have any questions. Please refer to "Permit Application Withdrawal Letter, (Insufficient Information)," in all telephone contacts and correspondence on this matter.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch

Enclosure

cc: B. J. Napolitan, Plant Engineer

DEC 22, 1982

B. J. Napolitan, Plant Engineer  
GMC - Fisher Body Division  
Fleetwood Plant  
West Fort and West End Ave  
Detroit, Michigan 48209

Dear Mr. Napolitan:

This letter will confirm my December 20, 1982, telephone conversation with Mr. Lloyd Gordon of your staff regarding the United States Environmental Protection Agency (U.S. EPA) identification number (ID#) for the Fleetwood Plant.

Mr. Gordon informed me that your facility located at West Fort and West End Avenue had been using the U.S. EPA ID# MID000274241 for the past two and a half years. I advised him that the number belonged to the GMC Fisher Body, Detroit Central Plant 40 located on 1500 E. Milwaukee. The Fleetwood Plant had been assigned another U.S. EPA ID#, MIT270012586. Enclosed is a copy of that acknowledgement for your information.

The U.S. EPA is in the process of converting temporary ID#s to permanent ones for all facilities that treat, store, or dispose of hazardous waste. The Fleetwood Plant's new permanent ID# is MID980700876. This number should be used effective January 1, 1983.

I advised Mr. Gordon to report the Fleetwood Plant's 1981 Annual Report data using the ID# (MID005356746) for which the waste had been manifested but to attach a letter to the Annual Report noting the facility's existing temporary ID# (MIT270012586) and new permanent ID# (MID980700876).

Please call me at (312) 886-7449, if you have any questions regarding this matter.

Sincerely yours,

Arthur S. Kawatachi  
Regional Project Officer

Enclosure

cc: Lloyd Gordon  
Fisher Body, Detroit Central Plt. 40

Alan Howard  
Michigan Department of Natural Resources

bcc: Part A file

5HW-TUB:WPD:WNB:SPIS:RAIU:A.KAWATACHI:MO:

ASX  
12/22/82





UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION V

111 West Jackson Blvd.  
CHICAGO, ILLINOIS 60604

*file*  
REPLY TO ATTENTION OF:  
RCRA ACTIVITIES

DEC 9 1982

NAPOLITAN, B. J. PLANT ENG  
GMC-FISHER BODY DIV FLEETWOOD PLT  
WEEST FORT AND WEST END AVE  
DETROIT MI 48209  
FACILITY: WEST FORT AND WEST END  
LOCATION: DETROIT MI 48209  
ID NO.: MIT270012586

Dear Applicant:

RE: U.S. EPA Identification Number Change

This is to inform you that the United States Environmental Protection Agency (U.S. EPA) will be changing your temporary (T) identification number to a permanent (D) one. The label below shows your current temporary number as "OLD T NO." and the new permanent number as "NEW D NO."

OLD I.D. NO.: MIT270012586

NEW I.D. NO.: MID980700876

In order to provide your facility with adequate time to convert to the permanent U.S. EPA identification number, we will make the change in our computer system effective January 1, 1983. This will allow you to use your temporary identification number until the end of the calendar year and, thus, cover all 1982 hazardous waste handled under one number for your annual report.

We have coordinated the identification number change with your State hazardous waste management office. The State has a listing of your old and new numbers.

Please contact Mr. Arthur Kawatachi of my staff at (312) 886-7449, if you have any questions regarding this matter.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch

cc: Facility owner



UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION V

111 West Jackson Blvd.  
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:  
RCRA ACTIVITIES

MAY 25 1982

B.J. Napolitan, Plt. Engr.  
GMC-Fisher Body Division  
Fleetwood Plant  
West Fort and West End Ave.  
Detroit, Michigan 48209

RE: Interim Status Acknowledgement      USEPA ID No. MIT270012586  
FACILITY NAME: GMC-Fisher Body Division  
Fleetwood Plant

Dear Mr. Napolitan:

This is to acknowledge that the U.S. Environmental Protection Agency (USEPA) has completed processing your Part A Hazardous Waste Permit Application. It is the opinion of this office that the information submitted is complete and that you, as an owner or operator of a hazardous waste management facility, have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. However, should USEPA obtain information which indicates that your application was incomplete or inaccurate, you may be requested to provide further documentation of your claim for Interim Status. Our opinion will be reevaluated on the basis of this information.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265, or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The printout enclosed with this letter identifies the limit(s) of the process design capacities your facility may use during the interim status period. This information was obtained from your Part A Permit application. If you wish to handle new wastes, to change processes, to increase the design capacity of existing processes, or to change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

As stated in the first paragraph of this letter, you have met the requirements of 40 CFR Part 122.23; your facility may operate under interim status until such time as a permit is issued or denied. This will be preceded by a request from this office or the State (if authorized) for Part B of your application. Please contact Arthur Kawatachi of my staff at (312) 886-7449, if you have any questions concerning this letter or the enclosure.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch

Enclosure

cc: C. Katko, General Manager

John  
0525-82  
TB



ACKNOWLEDGEMENT OF NOTIFICATION  
OF HAZARDOUS WASTE ACTIVITY  
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

MIT270012586

INSTALLATION ADDRESS

GMC-FISHER BODY DIV FLEETWOOD PLT  
WEST FORT AND WEST END AVE  
DETROIT MI 48209

WEST FORT AND WEST END AVENUE  
DETROIT MI 48209

MAILED: DATE 1-28-82




 U.S. ENVIRONMENTAL PROTECTION AGENCY  
 NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

III. LOCATION OF INSTALLATION

PLEASE PLACE LABEL IN THIS SPACE

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

## FOR OFFICIAL USE ONLY

## COMMENTS

C MID980700876

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED  
(yr., mo., & day)

F MIT27001258521

A

800818

## I. NAME OF INSTALLATION

GMC FISHER BODY DIV FLEETWOOD PLANT

## II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3 WEST FORT AND WEST END AVENUE

CITY OR TOWN

ST.

ZIP CODE

4 DETROIT

MI 48209

## III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5 SAME

CITY OR TOWN

ST.

ZIP CODE

6

## IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, &amp; job title)

PHONE NO. (area code &amp; no.)

2 NAPOLITAN BJ PLANT ENGINEER

813-554-7247

## V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 GENERAL MOTORS CORPORATION

B. TYPE OF OWNERSHIP  
(enter the appropriate letter into box)F - FEDERAL  
M - NON-FEDERAL

M

## VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

☒ A. GENERATION☐ B. TRANSPORTATION (complete item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

## VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☐ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

## VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION☐ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

MIT270012585

## IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.



## IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 1 23 - 24	2 F 0 0 3 23 - 24	3 F 0 0 6 23 - 24	4 F 0 0 8 23 - 24	5 F 0 0 9 23 - 24	6 <del>F 0 1 7</del> 23 - 24
7 F 0 0 5 23 - 24	8 <del>F 0 1 8</del> 23 - 24	9  23 - 24	10  23 - 24	11  23 - 24	12  23 - 24

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13  23 - 24	14  23 - 24	15  23 - 24	16  23 - 24	17  23 - 24	18  23 - 24
19  23 - 24	20  23 - 24	21  23 - 24	22  23 - 24	23  23 - 24	24  23 - 24
25  23 - 24	26  23 - 24	27  23 - 24	28  23 - 24	29  23 - 24	30  23 - 24

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 U 1 2 3 9 23 - 24	32 U 2 2 6 23 - 24	33 U 1 2 3 23 - 24	34  23 - 24	35  23 - 24	36  23 - 24
37  23 - 24	38  23 - 24	39  23 - 24	40  23 - 24	41  23 - 24	42  23 - 24
43  23 - 24	44  23 - 24	45  23 - 24	46  23 - 24	47  23 - 24	48  23 - 24

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49  23 - 24	50  23 - 24	51  23 - 24	52  23 - 24	53  23 - 24	54  23 - 24
-------------------	-------------------	-------------------	-------------------	-------------------	-------------------

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☒ 1. IGNITABLE (D001)

☐ 2. CORROSIVE (D002)

☐ 3. REACTIVE (D003)

☐ 4. TOXIC (D009)

## X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

NAME &amp; OFFICIAL TITLE (type or print)

DATE SIGNED

Plant Manager

8.12.80



## Fisher Body

Division of General Motors Corporation

### Fleetwood Plant

W. Fort Street & West End Ave.

Detroit, Michigan 48209

Waste Management Branch  
US EPA Region V  
111 W. Jackson Blvd.  
Chicago, Illinois 60604

January 30, 1984

Attention: Mr. Karl J. Klepitsch, Jr.  
5HW-13

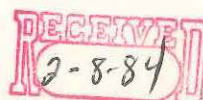
Re: Withdrawal request for RCRA Part A application. GMC- Fisher Body Division-  
Fleetwood. US EPA I.D. No. MID 980700876 G.T.S.D.-PA

Fisher Body Fleetwood requested the withdrawal of their Part A Hazardous Waste Permit Application on July 6, 1983 (copy of July 6, 1983 letter enclosed). Your letter dated September 8, 1983 addressed to Mr. Katko requested further explanation. The enclosed form should satisfy your request. If you have any questions, please contact Mrs. Chris Bates at Fisher Body G.O., 313-575-5665.

enclosure  
cc: B.J. Napolitan  
C. Bates

mlm/T.E.C.

  
Thomas E. Clifford  
Plant Manager





**Fisher Body**

Division of General Motors Corporation



General Offices

30001 Van Dyke Avenue

Warren, Michigan 48090

October 3, 1983

Subject: Delegation of Authority to Sign  
Permit Applications under EPA  
Permit Programs

From: C. Katko

To: T. E. Clifford  
Fleetwood Plant Manager

~~NO ED# found~~  
MID 980700876

As provided under 40 CFR 122.22, 144.32, 233.6 and 270.11 of the "Environmental Permit Regulations", the position of plant manager is hereby designated as my duly authorized representative for Fisher Body Fleetwood. As such, the plant manager is authorized to sign all permit applications, all reports required by permits, and other information requested by EPA or a corresponding state or municipal agency, submitted for the following programs:

1. National Pollutant Discharge Elimination System (NPDES) of the Clean Water Act (40 CFR 122)
2. Underground Injection Control Program of the Safe Drinking Water Act (40 CFR 144)
3. Dredge of Fill (404) Program of the Clean Water Act (40 CFR 233)
4. Hazardous Waste Permit Program of the Resource Conservation and Recovery Act (40 CFR 270)

In the absence of the individual occupying the designated position due to vacation, illness, or other reasons, the individual temporarily responsible for the operation of the facility or activity is my duly authorized representative.

  
C. Katko



# FISHER BODY DIVISION

GENERAL MOTORS CORPORATION

FLEETWOOD PLANT

W. FORT STREET & WEST END AVE.

DETROIT, MICHIGAN 48209

September 9, 1981

EPA Region 5  
RCRA Activities  
P.O. Box A3587  
Chicago, Illinois 60690

Attention: Computer Science Corporation

Dear Sir:

Your Mr. Scott Pretroucha stated during a telephone conversation on Wednesday, September 9, 1981, that you do not have a copy of Part A Notification Form (Form 8700-12) on file for the GMC-Fisher Body-Fleetwood Plant.

The following is, therefore, attached for your information:

U.S. EPA Notification of Hazardous Waste Activity  
(EPA Form 8700-12) dated 8-12-80.

and

Copy of letter dated November 1, 1980, sent to your Mr. Y.J. Kim requesting modification to our 8700-12 Form.

Please note that our original submission was well within the deadline specified by the regulations.

If you have any additional questions, you may contact the writer at (313) 554-7248.

Yours sincerely,

*G. Lloyd Gordon*

G. Lloyd Gordon  
Manufacturing Engineer

~~SUB.~~ SUB

/ams

MIT270012586 WAS ASSIGNED TO THIS FACILITY

cc: B. J. Napolitan  
G. E. Bessert

SEP 16 1981





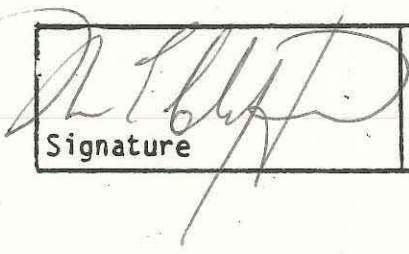
REQUEST FOR CHANGE IN STATUS TO :

"GENERATOR ACCUMULATING WASTE ON-SITE IN COMPLIANCE WITH 40 CFR 262.34"

(APPLICABLE TO FACILITIES WHICH, AS OF NOVEMBER 19, 1980, HAVE BEEN  
STORING WASTES IN CONTAINERS AND/OR TANKS ONLY)

FACILITY NAME: GMC - FISHER BODY DIVISION -  
FACILITY LOCATION: West Fort St. and West End Ave.  
MAILING ADDRESS: Detroit, Michigan 48209  
U.S. EPA ID NO.: MID 980700876

1. I certify, in reference to the above-name facility, that a complete and accurate description of the activities currently conducted, for purposes of the Resource Conservation and Recovery Act (RCRA), are those of a generator accumulating waste on-site in compliance with 40 CFR 262.34. This description of activities shall be considered effective as of July 6, 1983  
(please type in above: today's date, or other appropriate past date)
2. I certify that all hazardous waste which had been stored at this facility for greater than 90 days have been permanently removed and -- for that portion of the wastes that were present on-site on or after November 19, 1980 -- the manifest requirements of 40 CFR Part 262 have been complied with, and all manifests are on file at this facility, available for inspection by authorized State and Federal officials.
3. I finally certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

	Thomas E. Clifford Plant Manager	1-30-84
Signature	Type Name & Title	Date

(PLEASE HAVE APPROPRIATE OFFICIAL, PER 40 CFR 270.11 SIGN AND DATE)



## Fisher Body

Division of General Motors Corporation

Fleetwood Plant

W. Fort Street & West End Ave.

Detroit, Michigan 48209

Waste Management Branch  
US EPA Region V  
111 W. Jackson Blvd.  
Chicago, Illinois 60604

January 30, 1984

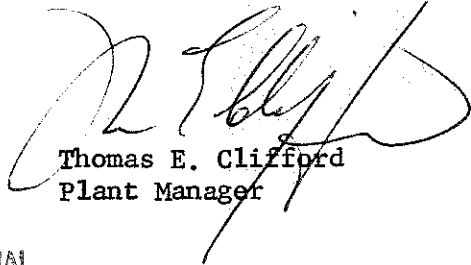
Attention: Mr. Karl J. Klepitsch, Jr.  
5HW-13

Re: Withdrawal request for RCRA Part A application. GMC- Fisher Body Division-  
Fleetwood. US EPA I.D. No. MID 980700876 G.TSD-PA

Fisher Body Fleetwood requested the withdrawal of their Part A Hazardous Waste Permit Application on July 6, 1983 (copy of July 6, 1983 letter enclosed). Your letter dated September 8, 1983 addressed to Mr. Katko requested further explanation. The enclosed form should satisfy your request. If you have any questions, please contact Mrs. Chris Bates at Fisher Body G.O., 313-575-5665.

enclosure  
cc: B.J. Napolitan  
C. Bates

mlm/T.E.C.

  
Thomas E. Clifford  
Plant Manager

NO ACTION TAKEN  
PENDING DECISION ON WITHDRAWAL  
BY EPA STAFF  
DATE 2-8-84

RECEIVED  
2-8-84

RECEIVED  
WASTE MANAGEMENT  
BRANCH

APR 26 1984

5HW-13

Mr. Thomas E. Clifford  
Plant Manager  
Fisher Body  
Division of General Motors Corp.  
Fleetwood Plant  
W. Fort Street and West End Avenue  
Detroit, MI 48209

N  
Re: Withdrawal of Part A  
(Storage Under 90 days)

Facility Name: GMC-Fisher Body Division-Fleetwood  
U.S. EPA ID No.: MID980700876

Dear Mr. Clifford:

This is to advise that your January 30, 1984, request for a change in status to that of a "generator accumulating waste on-site in compliance with 40 CFR 262.34", has been approved. For purposes of the Resource Conservation and Recovery Act (RCRA), you are now considered a "generator of hazardous waste". As a generator, you are subject to the regulations contained in 40 CFR Part 262, and any other applicable regulations referenced therein. Your facility is no longer considered a treatment, storage, or disposal (TSD) facility.

Should you decide in the future to initiate storage of hazardous waste for greater than 90 days, and such storage is consistent with the original Part A application, you must resubmit a Part A application, within 30 days of such initiation.

Should you propose to initiate storage of hazardous waste in a manner inconsistent with the original Part A application, or to initiate the treatment or disposal of hazardous wastes, you must contact our office prior to such initiation. Based on the specifics of the proposed changes, we will advise you whether actual issuance of a permit is a prerequisite for such changes, or whether submittal of Part A of your application is sufficient. Failure to resubmit a Part A application or to contact our office as mentioned above would subject you to enforcement action. RCRA provides for civil penalties up to \$25,000 per violation.

If you have questions, please contact David Homer, of my staff at (312) 886-6146, for assistance.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch



cc: Mr. C. Kato  
 Alan J. Howard, MDNR

5HW-13:DHHOMER:ap:6-6146:4-19-84

INITIALS	TYPYST	AUTHOR	STU #1 CHIEF	STU #2 CHIEF	STU #3 CHIEF	TPS CHIEF	WMB CHIEF	WMD DIRECTOR
DATE	4-19-84	4/20/84			WEM 4/24/84	WMB 4/24/84	WMB 4/25/84	

Mr. Alan

0.2  
4/24/84

WMB  
4/24/84

WMB  
4/25/84



**Fisher Body**  
Division of General Motors Corporation

MIT 270 012 586

new

General Offices  
30001 Van Dyke Avenue  
Warren, Michigan 48090

July 6, 1983

Waste Management Branch  
US EPA Region V  
111 W. Jackson Blvd.  
Chicago, IL 60604

Attention: Mr. Karl J. Klepitsch, Jr.

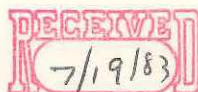
Re: Withdrawal Request for RCRA Part "A" Application  
GMC - Fisher Body Division - Fleetwood  
US EPA I.D. No. MID 980700876 **PA, G, TSD, PAS 1**

Gentlemen:

The hazardous waste management program at the Fisher Body Fleetwood Plant has been re-evaluated as a result of the US Environmental Protection Agency's commencement to process Part "B" Hazardous Waste Permit Applications for Treatment, Storage, and Disposal Facilities. Based on that re-evaluation, it has been determined that interim status for this site is not appropriate or required. The Fleetwood Plant is therefore requesting withdrawal of their Part "A" Application. The Plant will continue to operate as a generator only, and all hazardous waste will be handled in compliance with 40 CFR Part 262 for hazardous waste generators. Justification for this withdrawal request is outlined as follows:

Treatment

All treatment of hazardous wastes at this facility, as listed in the Part "A" Application, involve the waste water treatment plant and its associated sludge. These treatment activities are regulated by the Clean Water Act and were erroneously included on the Part "A" Application. There are no RCRA regulated treatment activities at this site.



RECEIVED  
JUL 15 1983

WASTE MANAGEMENT  
BRANCH

### Storage

The storage of hazardous wastes at this facility has always been conducted with a properly contained drum storage area with no risk of migration of hazardous wastes into the ground water or air. It is being assumed that interim status was affirmed by this facility since it cannot be verified that storage of hazardous waste did not exceed 90 days at any time during its normal operation. However, all hazardous wastes previously stored at this site have been totally removed and procedures implemented to assure that all future hazardous wastes will be disposed of off-site in less than 90 days. Due to the nature of the storage containers, no site decontamination was necessary for facility closure.

### Disposal

Subsequent to the passage of RCRA, no wastes of any type have been disposed of at this facility.

If you have any questions concerning the above Part "A" withdrawal request, please contact Mrs. Chris Bates at Fisher Body General Offices, 313-575-5665.



C. Katko

cc: J. Chu  
W. Collinson  
H. Elmquist  
B. Napolitan  
S. Kjader





MIT 270 012 586

G TSD

PTA

To See Below

Location

From Mr. J. W. Cagle

Location

Subject Delegation of Authority to Sign  
Reports Under EPA Consolidated  
Permit Programs

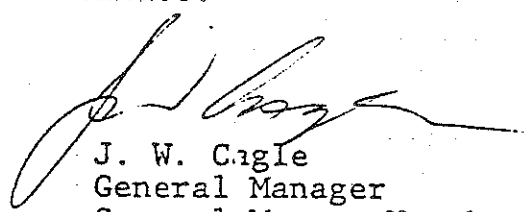
Date March 24, 1981

TO: All Parts Plant Managers  
All P.D.C. Managers  
All Truck and Coach Managers

As required under Environmental Protection Agency Consolidated Permit Programs, Part 122, Section 122.6, the position of Plant Manager is hereby designated as my duly authorized representative for your facility. As such, the Plant Manager is authorized to sign all reports required by permits, and other information requested by the EPA Regional Administrator and/or the State/Local Program Director.

In the absence of the person occupying the designated position due to vacation, illness, or other reasons, the person temporarily responsible for the operation of the facility or activity is my duly authorized representative.

Any questions should be directed to the Environmental Control Group - Flint Central Office.

  
J. W. Cagle  
General Manager  
General Motors Warehousing and  
Distribution Division

JWC/vp

cc: EPA Regional Administrator



<b>FORM 1</b> <b>GENERAL</b>		<b>ENVIRONMENTAL PROTECTION AGENCY</b> <b>GENERAL INFORMATION</b> <i>Consolidated Permits Program</i> (Read the "General Instructions" before starting.)		<b>I. EPA I.D. NUMBER</b> 5 6 7 8 9 10 11 12 13 14 15 F M I D 0 0 5 3 5 6 7 4 6 3 D	
<b>LABEL ITEMS</b>		<b>PLEASE PLACE LABEL IN THIS SPACE</b> <i>MIT 270012586</i>		<b>GENERAL INSTRUCTIONS</b>	
II. EPA I.D. NUMBER				If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
III. FACILITY NAME					
V. FACILITY MAILING ADDRESS					
VI. FACILITY LOCATION					

<b>II. POLLUTANT CHARACTERISTICS</b>									
<b>INSTRUCTIONS:</b> Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.									
<b>SPECIFIC QUESTIONS</b>		<b>MARK 'X' FORM ATTACHED</b>		<b>SPECIFIC QUESTIONS</b>		<b>MARK 'X' FORM ATTACHED</b>			
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		YES	NO	FORM ATTACHED	B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		YES	NO	FORM ATTACHED
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)			X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)			X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)			X	
Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)			X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X	

<b>III. NAME OF FACILITY</b>									
1	SKIP	GMC - FISHER BODY DIVISION - FLEETWOOD PLANT							
<b>IV. FACILITY CONTACT</b>									
A. NAME & TITLE (last, first, & title)					B. PHONE (area code & no.)				
2	NAPOLITAN, B.J. PLANT ENGINEER				3	13	5	54	7247
<b>V. FACILITY MAILING ADDRESS</b>									
A. STREET OR P.O. BOX									
3	WEST FORT AND WEST END AVENUE								
B. CITY OR TOWN					C. STATE	D. ZIP CODE			
4	DETROIT				MI	48209			
<b>VI. FACILITY LOCATION</b>									
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER									
5	WEST FORT AND WEST END AVENUE								
B. COUNTY NAME					C. CITY OR TOWN				
WAYNE					DETROIT				
D. STATE					E. ZIP CODE		F. COUNTY CODE (if known)		
MI					48209		163		



CONTINUED FROM THE FRONT

## VII. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
C	7	3	7	1	1	(specify)	MOTOR VEHICLES AND CAR BODIES
15	16	17	18	19			
C. THIRD				D. FOURTH			
C	7					(specify)	
15	16	17	18	19			

## VIII. OPERATOR INFORMATION

A. NAME		B. Is the name listed in Item VIII-A also the owner?	
C	8	G M C - F I S H E R B O D Y D I V I S I O N - F L E E T W O O D P L A N T	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
15	16		66
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)		D. PHONE (area code & no.)	
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	P	(specify)
C	3	1	3
15	16	5	5
17	18	7	2
19	20	4	7
E. STREET OR P.O. BOX			
W E S T F O R T A N D W E S T E N D A V E N U E			
26	27	28	29
F. CITY OR TOWN		G. STATE	H. ZIP CODE
C	B	D E T R O I T	M I
15	16	4	8
17	18	2	0
19	20	9	
IX. INDIAN LAND		Is the facility located on Indian lands?	
		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
		52	

## X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)				D. PSD (Air Emissions from Proposed Sources)			
C	9	N	A	C	9	P	A
15	16	17	18	15	16	17	18
B. UIC (Underground Injection of Fluids)				E. OTHER (specify)			
C	9	U	A	C	9	B	3
15	16	17	18	15	16	17	18
C. RCRA (Hazardous Wastes)				E. OTHER (specify)			
C	9	R	A	C	9		
15	16	17	18	15	16	17	18

## XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

F9 A150

## XII. NATURE OF BUSINESS (provide a brief description)

ASSEMBLY OF CADILLAC BODIES

F9 A151

## XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
C. Katko, General Manager	C. Katko	11-18-80

## COMMENTS FOR OFFICIAL USE ONLY

C	
15	16

EPA I.D. NUMBER (enter from page 1)										FOR OFFICIAL USE ONLY									
W M I D 0 0 5 3 5 6 7 4 6 3 1										W DUP 3 2 DUP									
DESCRIPTION OF HAZARDOUS WASTES (continued)																			
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)			B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES													
	23	24	25			1. PROCESS CODES (enter)						2. PROCESS DESCRIPTION (if a code is not entered in D(1))							
	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
1	F	0	0	1	3,410,000	P	S	0	1										
2	F	0	0	5	126,000	T	S	0	1										
3	F	0	0	6	352,000	T	S	0	2	T	0	4							
4	F	0	1	8														included with above	
5	F	0	0	8	93,000	T	S	0	1										
6	F	0	0	9	5,000	T	S	0	2	T	0	1							
7	F	0	1	7	687,000	T	S	0	2	T	0	1	T	0	4				
8																			
9	D	0	0	1	32,000	T	S	0	1										
10	D	0	0	2	12,159,000	P	S	0	1										
11																			
12	U	1	2	3	525,000	P	S	0	2	T	0	1							
13																			
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25																			
26																			



## IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 1.

MIT 270012586

EPA I.D. NO. (enter from page 1)

5	4	1	0	0	5	3	5	6	7	4	6	3	6	
F	M	I	D	0	0	5	3	5	6	7	4	6	3	6

## V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail). F 6 H 155

## VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). F 6 A 156

## VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, &amp; seconds)

4	2	1	7	5	0	0
65	66	67	68	69	70	71

LONGITUDE (degrees, minutes, &amp; seconds)

0	8	3	0	7	3	0	0
72	73	74	75	76	77	78	79

## VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

## IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

C. Katko, General Manager

C. Katko

11-18-80

## X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED



FORM 3 RCRA

U.S. ENVIRONMENTAL PROTECTION AGENCY  
HAZAR. WASTE PERMIT APPLICATION  
Consolidated Permits Program  
(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER

FMID005356746

FOR OFFICIAL USE ONLY

APPLICATION PROVED

DATE RECEIVED (yr., mo., & day)

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

YR. MO. DAY

8 7 2 1 0 0 1

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

☐ 2. NEW FACILITY (Complete item below.)

YR. MO. DAY

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete Item I above)

☐ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PRO-CESS CODE

APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY

PRO-CESS CODE

APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY

Storage:

CONTAINER (barrel, drum, etc.) S01 GALLONS OR LITERS

TANK S02 GALLONS OR LITERS

WASTE PILE S03 CUBIC YARDS OR CUBIC METERS

SURFACE IMPOUNDMENT S04 GALLONS OR LITERS

sposal:

INJECTION WELL D79 GALLONS OR LITERS

LANDFILL D80 ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER

LAND APPLICATION D81 ACRES OR HECTARES

OCEAN DISPOSAL D82 GALLONS PER DAY OR LITERS PER DAY

SURFACE IMPOUNDMENT D83 GALLONS OR LITERS

Treatment:

TANK T01 GALLONS PER DAY OR LITERS PER DAY

SURFACE IMPOUNDMENT T02 GALLONS PER DAY OR LITERS PER DAY

INCINERATOR T03 TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR

T04 GALLONS PER DAY OR LITERS PER DAY

OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)

UNIT OF MEASURE CODE

UNIT OF MEASURE CODE

UNIT OF MEASURE CODE

UNIT OF MEASURE CODE

GALLONS. . . . . G

LITERS. . . . . L

CUBIC YARDS. . . . . Y

CUBIC METERS. . . . . C

GALLONS PER DAY. . . . . U

LITERS PER DAY. . . . . V

TONS PER HOUR. . . . . D

METRIC TONS PER HOUR. . . . . W

GALLONS PER HOUR. . . . . E

LITERS PER HOUR. . . . . H

ACRE-FEET. . . . . A

HECTARE-METER. . . . . F

ACRES. . . . . B

HECTARES. . . . . Q

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

5

DUP

31

LINE NUMBER

A. PROCESS CODE (from list above)

B. PROCESS DESIGN CAPACITY

1. AMOUNT (specify)

2. UNIT OF MEASURE (enter code)

FOR OFFICIAL USE ONLY

LINE NUMBER

A. PROCESS CODE (from list above)

B. PROCESS DESIGN CAPACITY

1. AMOUNT

2. UNIT OF MEASURE (enter code)

FOR OFFICIAL USE ONLY

X-1

S 0 2

600

G

5

X-2

T 0 3

20

E

6

1

S 0 1

55

G

7

S 0 2

15

G

8

3

T 0 1

832

U

9

4

T 0 4

6

U

10

EPA Form 3510-3 (6-80)

PAGE 1 OF 5

CONTINUE ON REVERSE

**III. PROCESSES (continued)**

C. SPACE FOR ADDITIONAL PROCESS CODES OF OR DESCRIBING OTHER PROCESSES (code "T0" FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

T04 - 6,000 Gallons/ day WASTEWATER TREATMENT SLUDGE DEWATERING

**IV. DESCRIPTION OF HAZARDOUS WASTES**

**A. EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

**B. ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

**C. UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE  
POUNDS..... P  
TONS..... T

METRIC UNIT OF MEASURE CODE  
KILOGRAMS..... K  
METRIC TONS..... M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES****1. PROCESS CODES:**

**For listed hazardous waste:** For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

**For non-listed hazardous wastes:** For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**Note:** Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below)** — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above



NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY												
W 1 2 3 4 5 6 7 8 9 10 11 12													W 1 2 3 4 5 6 7 8 9 10 11 12												
M I D 0 0 5 3 5 6 7 4 6 3 1													D U P 3 2 D U P												
H I T 2 7 0 0 1 2 5 8 6													1 2 3 4 5 6 7 8 9 10 11 12												
DESCRIPTION OF HAZARDOUS WASTES (continued)																									
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)			B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																			
	23	24	25			1. PROCESS CODES (enter)																			
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	F	0	0	1	3,410,000	P	S	0	1																
2	F	0	0	5	126,000	T	S	0	1																
3	F	0	0	6	352,000	T	S	0	2	T	0	4													
4	F	0	1	8																					
included with above																									
5	F	0	0	8	93,000	T	S	0	1																
6	F	0	0	9	5,000	T	S	0	2	T	0	1													
7	F	0	1	7	687,000	T	S	0	2	T	0	1	T	0	4										
8																									
9	D	0	0	1	32,000	T	S	0	1																
10	D	0	0	2	12,159,000	P	S	0	1																
11																									
12	U	1	2	3	525,000	P	S	0	2	T	0	1													
13																									
14																									
15																									
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17																									
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21																									
22																									
23																									
24																									
25																									
26																									



## IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

MIT 270012506

EPA I.D. NO. (enter from page 1)

S	F	M	I	D	0	0	5	3	5	6	7	4	6	T/A	C
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

## V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail). F 6 A/55

## VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). F 6 A/56

## VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, &amp; seconds)

42 17 50

LONGITUDE (degrees, minutes, &amp; seconds)

083 07 30

## VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no.)

3. STREET OR P.O. BOX										4. CITY OR TOWN										5. ST.					6. ZIP CODE				
E										G																			

## IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

C. Katko, General Manager

B. SIGNATURE

C. Katko

C. DATE SIGNED

11-18-80

## X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED



FORM 3 RCRA		ENVIRONMENTAL PROTECTION AGENCY HAZARDOUS WASTE PERMIT APPLICATION Consolidated Permits Program (This information is required under Section 3005 of RCRA.)		I. EPA I.D. NUMBER F M I D 0 0 5 3 5 6 7 4 6 3 MIT 276612586																																																																																																																																									
FOR OFFICIAL USE ONLY				COMMENTS																																																																																																																																									
APPLICATION APPROVED				DATE RECEIVED (yr., mo., & day)																																																																																																																																									
II. FIRST OR REVISED APPLICATION				292																																																																																																																																									
Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.																																																																																																																																													
A. FIRST APPLICATION (place an "X" below and provide the appropriate date)																																																																																																																																													
<input checked="" type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)																																																																																																																																													
<input type="checkbox"/> 2. NEW FACILITY (Complete item below.)																																																																																																																																													
FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)																																																																																																																																													
B. REVISED APPLICATION (place an "X" below and complete Item I above)																																																																																																																																													
<input type="checkbox"/> 1. FACILITY HAS INTERIM STATUS																																																																																																																																													
<input type="checkbox"/> 2. FACILITY HAS A RCRA PERMIT																																																																																																																																													
III. PROCESSES - CODES AND DESIGN CAPACITIES																																																																																																																																													
A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).																																																																																																																																													
B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.																																																																																																																																													
1. AMOUNT - Enter the amount.																																																																																																																																													
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.																																																																																																																																													
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EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.																																																																																																																																													
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**III. PROCESSES (continued)**

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

T04 - 6,000 Gallons/ day WASTEWATER TREATMENT SLUDGE DEWATERING

**IV. DESCRIPTION OF HAZARDOUS WASTES**

**A. EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

**B. ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

**C. UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS.....	P	KILOGRAMS.....	K
TONS.....	T	METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES****1. PROCESS CODES:**

**For listed hazardous waste:** For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

**For non-listed hazardous wastes:** For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**Note:** Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

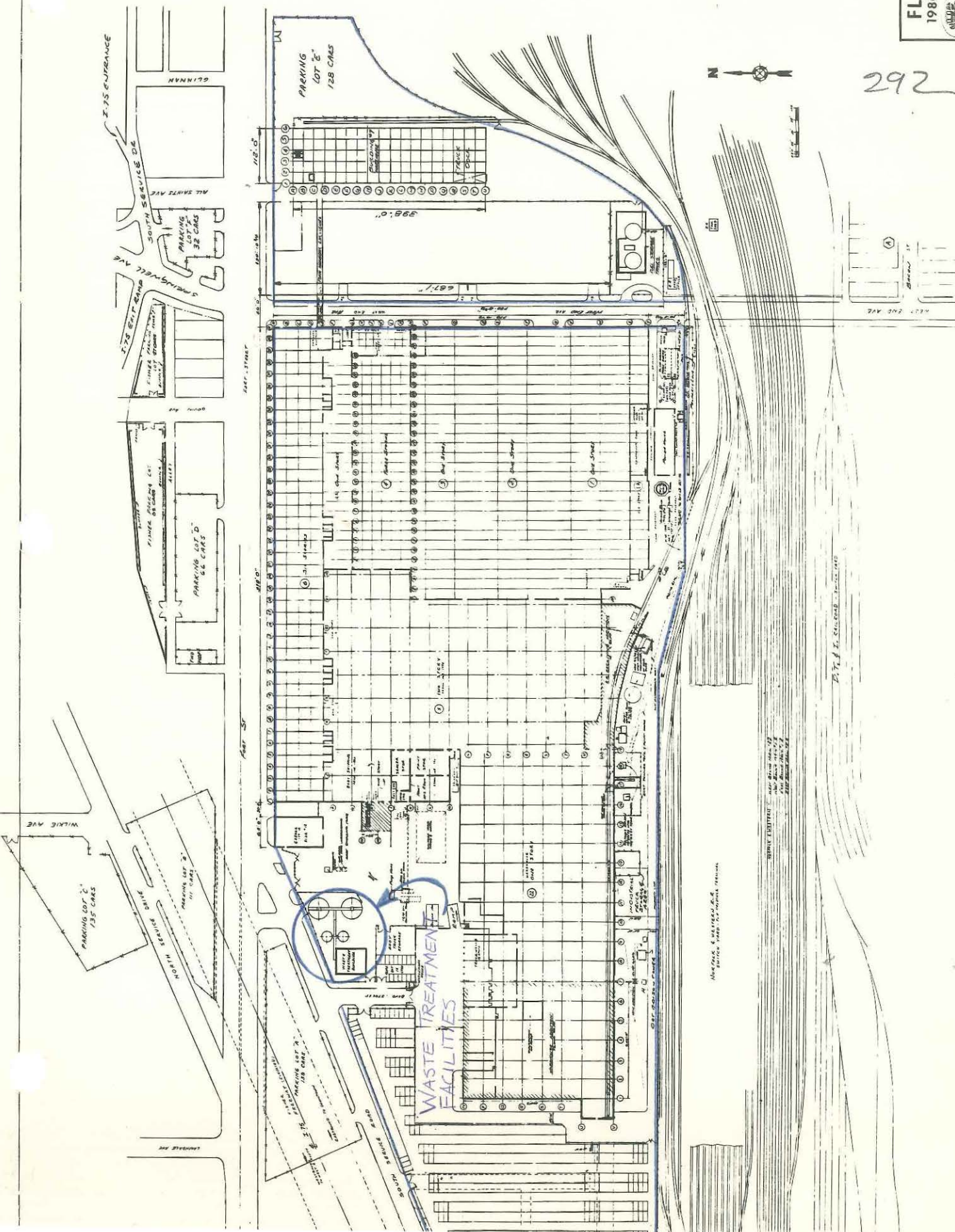
**EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below)** — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above





292



WILKIE STREET  
NORTH SERVICE DRIVE  
SOUTH SERVICE DRIVE  
SMITHSON AVE  
ALL SHOPS AVE  
GLINMAN

WASTE TREATMENT FACILITIES

292

V. FACILITY DRAWING (see page 4)

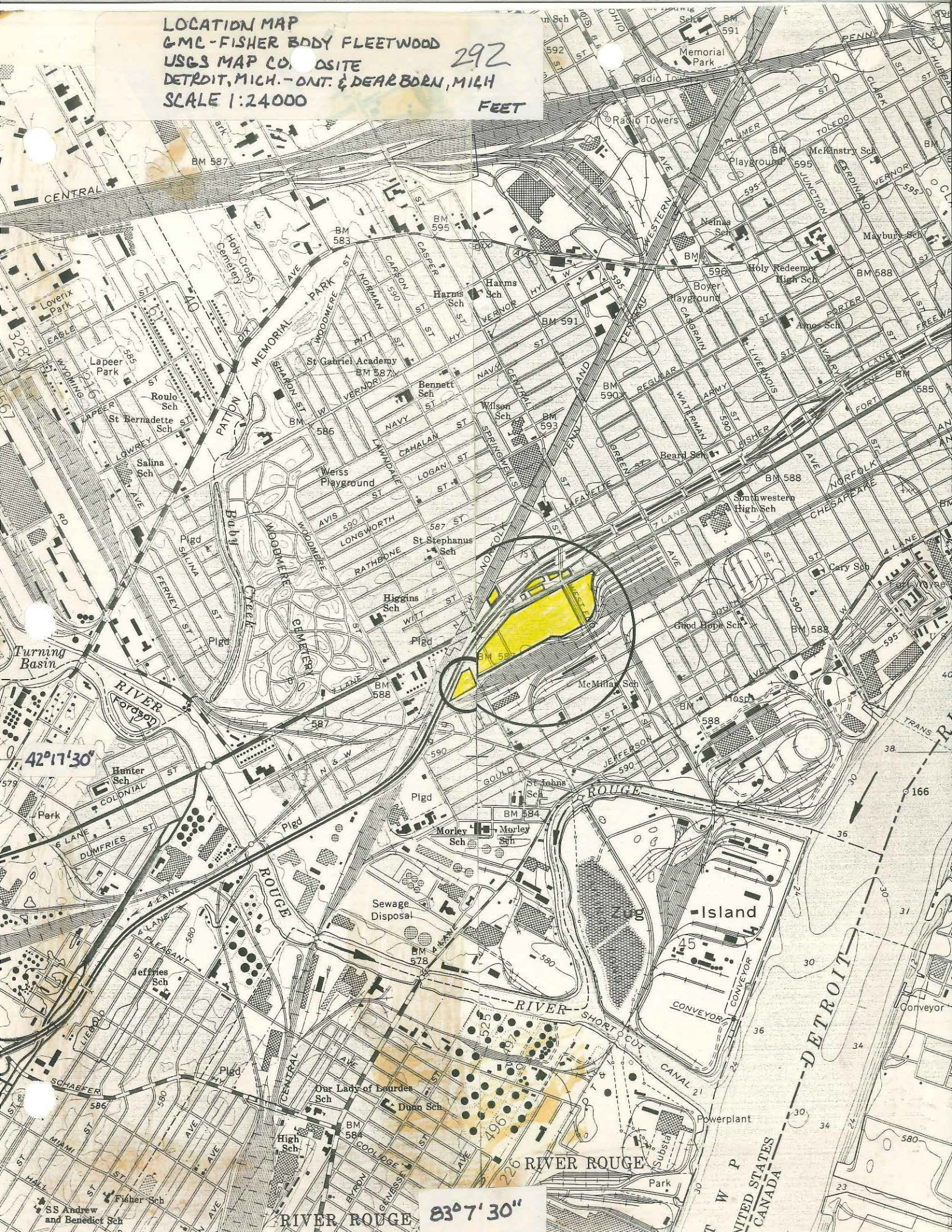
292



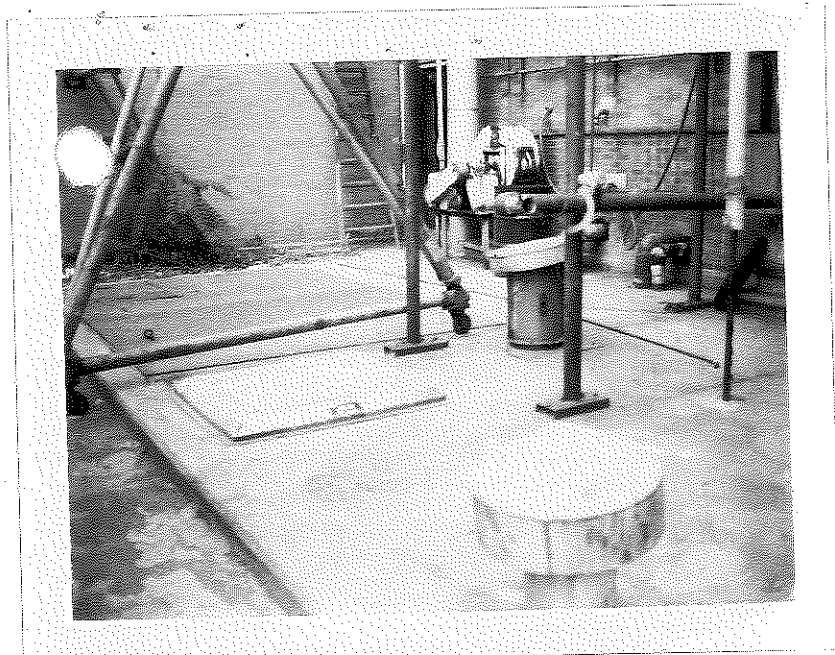
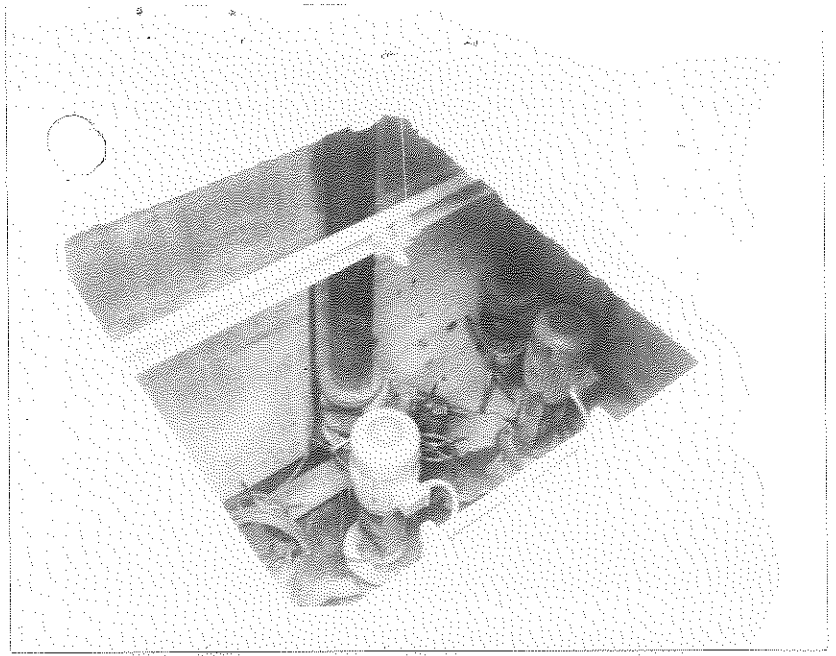
LOCATION MAP  
GMC-FISHER BODY FLEETWOOD  
USGS MAP CO. SITE  
DETROIT, MICH. - ONT. & DEARBORN, MICH  
SCALE 1:24000

292

FEET









SLUDGE  
STORAGE TANK

10-14-80

BLAZE J. NAPOLITAN,  
PLANT ENGINEER

FISHER BODY - FLEETWOOD

6007461

SLUDGE  
STORAGE TANK

10-14-80

BLAZE J. NAPOLITAN,  
PLANT ENGINEER

FISHER BODY - FLEETWOOD

6007461

WASTE WATER TREATMENT  
FACILITIES

10-14-80

BLAZE J. NAPOLITAN, PLANT ENG.

FISHER BODY FLEETWOOD PLANT

E006171



# FISHER BODY DIVISION

GENERAL MOTORS CORPORATION

FLEETWOOD PLANT

W. FORT STREET & WEST END AVE.

DETROIT, MICHIGAN 48209

November 1, 1980

Y. J. Kim  
EPA Region V  
RCRA Activities  
P. O. Box 7861  
Chicago, IL 60680

Re: Notification of Hazardous Waste Activity for  
Fisher Body Division - GMC - Fleetwood Plant  
W. Fort St. & W. End Ave  
EPA ID No. MID005356746

Dear Sir:

Subsequent to our submission to your office of EPA Form 8700-12 on August 15, 1980, it has come to our attention that certain information was inadvertently omitted from our Notification of Hazardous Waste Activity.

Pursuant to advice General Motors received from EPA personnel in Washington, we are requesting that the EPA Form 8700-12 submitted for the facility identified above be modified to reflect the hazardous waste activities shown below. Please note that this facility has been assigned an EPA identification number.

The following information was inadvertently omitted:

Part IX. A. Hazardous Wastes from Non-Specific Sources -  
No. F005 and No. F018

Please incorporate this additional information on EPA Form 8700-12 for this facility. If you have any questions, please contact B.J. Napolitan at (313) 554-7247.

L. D. Richards  
Plant Manager

## ENVIRONMENTAL PROTECTION AGENCY

## GENERATOR BIENNIAL HAZARDOUS WASTE REPORT FOR 1983

This report is for the calendar year ending December 31, 1983.  
Read All Instructions Carefully Before Making Any Entries on Form

## I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the 1983 calendar year. Circle the one code at right that best describes your status during the entire year (see instructions for explanation of codes).

- 1 Non-handler
- 2 Small Quantity Generator
- 4 Exempt
- 5 Beneficial Use
- 9 Closed

Please print/type with elite type (12 characters per inch)

## II. GENERATOR'S EPA I.D. NUMBER

EMI D 980 700 876 1  
1 2 13 14 15

T/A C

61  
6

This Installation's Non-Regulated Status is Expected to Apply:

- ☐ For 1983 Only ☐ Permanently
- ☐ Other \_\_\_\_\_

C303 ENTRY (OFFICIAL USE ONLY): ☐

## III. NAME OF INSTALLATION

GMC FISHER BODY FLEETWOOD  
30 69

## IV. INSTALLATION MAILING ADDRESS

3 WEST FORT ST / WEST END AVE  
15 16 45

Street or P.O. Box

4 DETROIT MI 48209  
15 16 41 42 47 51

City or Town

State Zip Code

## V. LOCATION OF INSTALLATION (if different than section IV above)

5  
15 16 45

Street or Route number

6  
15 16 41 42 47 51

City or Town

State Zip Code

## VI. INSTALLATION CONTACT

2 KAJDER SANDRA  
15 16 45

Name (last and first)

313-554-7248  
46 55

Phone No. (area code &amp; no.)

## VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

T.E. CLIFFORD PLANT MANAGER

Print/Type Name

Title

Signature of Authorized Representative

Date Signed

Carl H. Clifford 2-29-84  
FOR MR. CLIFFORD

ENVIRONMENTAL PROTECTION AGENCY

This report is for the calendar year ending December 31, 1983.

IX. FACILITY NAME (specify facility to which all wastes on this page were shipped)

T/A C

[illegible]

## XI. FACILITY ADDRESS

4620 HANNAN RD.

CANTON TOWNSHIP, 48184

16 28

WASTE MANAGEMENT OF MICHIGAN / WEST

MID 07290546

[illegible]

\* AVERAGE DENSITY = 1.3 g/ml.

ENVIRONMENTAL PROTECTION AGENCY

This report is for the calendar year ending December 31, 1983.

IX. FACILITY NAME (specify facility to which all wastes on this page were shipped)

T/A C

1 2 13 14 15

## XI. FACILITY ADDRESS

49350 N. SERVICE DR.  
BELLEVILLE, MI 48111

16 28

TRANSPORTATION SERVICES USED  
WASTE MANAGEMENT OF MICHIGAN/WEST  
MID 07290546

XIII. WASTE IDENTIFICATION												
Sequence #	Line #	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure						
29	32	HAZARDOUS WASTE SOLID N.O.S.	15	F0006	44448	P						
	1											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											

XIV. COMMENTS (enter information by section number—see instructions)



Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Generator Biennial Hazardous Waste Report for 1983 (cont.)

This report is for the calendar year ending December 31, 1983.

Date rec'd: \_\_\_\_\_ Rec'd by: \_\_\_\_\_

VIII. GENERATOR'S EPA I.D. NO.

T/A C

GMI D980700876111

X. FACILITY'S EPA I.D. NO.

FMID060975844

IX. FACILITY NAME (specify facility to which all wastes on this page were shipped)

CHEMICAL RECOVERY SYSTEMS, INC.

XI. FACILITY ADDRESS

36345 VAN BORN RD.  
ROMULUS, MI 48174

XII. TRANSPORTATION SERVICES USED

CHEMICAL RECOVERY SYSTEMS, INC.

MID 060975844

XIII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard Code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
29	1	PURGE THINNER AND LACQUER MIXTURE FROM PAINT SPRAY OPERATIONS	08	F005	4670.00	G*
32	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIV. COMMENTS (enter information by section number—see instructions)

\* DENSITY = .91 g/ml

Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Generator Biennial Hazardous Waste Report for 1983 (cont.)

This report is for the calendar year ending December 31, 1983.

Date rec'd: \_\_\_\_\_ Rec'd by: \_\_\_\_\_

VIII. GENERATOR'S EPA I.D. NO.

T/A C

GM 10980700876 11  
1 2 13 14 15

X. FACILITY'S EPA I.D. NO.

FM 10096963194  
16 28

IX. FACILITY NAME (specify facility to which all wastes on this page were shipped)

CHEM-MET SERVICES

XI. FACILITY ADDRESS

18550 ALLEN RD.  
WYANDOTTE, MI 48192

XII. TRANSPORTATION SERVICES USED

CHEM-MET SERVICES MID 096963194

PAUL O'SELLARS, CO.  
MID 980193350

BENTLEY OIL, INC. MID 000718650

K+D INDUSTRIAL SERVICES, INC MID 072790710

XIII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
29	32	1 WASTE PAINT, NOS	08	D001	27005	G
		2 WASTE COMPOUND THINNING, NOS	08	D001	5610	G
		3 WASTE XYLENE	08	F003	550	G
		4 WASTE OIL, NOS	01	D001	1705	G
		5 WASTE CLEANING COMPOUND NOS	02	D002	880	G
		6 WASTE CEMENTS + ADHESIVES	02	D001	3130	G
		7 WASTE SOLVENTS	08	D001	18690	G
		8 WASTE FUEL OIL, DIESEL #2	01	D001	200	G
		9 WASTE GASOLINE	08	D001	1400	G
		10 WASTE DICHLOROMETHANE + PAINT MIXTURE - STRIPPING OPER.	15	D001	5500	G
		11 HAZARDOUS WASTE SOLID NOS	15	F006	16800	G
		12				

XIV. COMMENTS (enter information by section number—see instructions)

XIII 1. AVG. DENSITY = 9 LBS/GAL

2. " " = 8 LBS/GAL

3. " " = 7 LBS/GAL

4. " " = 8 LBS/GAL

5. " " = 9.5 LBS/GAL

6. " " = 8 LBS/GAL

7. AVG DENSITY = 6.5 LBS/GAL

8. " " = 7.5 LBS/GAL

9. " " = 9.5 LBS/GAL

10. " " = 11.0 LBS/GAL

11. " " = 9.2 LBS/GAL

Do not make entries in shaded areas

ENVIRONMENTAL PROTECTION AGENCY

Generator Biennial Hazardous Waste Report for 1983 (cont.)

This report is for the calendar year ending December 31, 1983.

Date rec'd: \_\_\_\_\_ Rec'd by: \_\_\_\_\_

VIII. GENERATOR'S EPA I.D. NO.

T/A C

GM 1 1 D 9 8 0 7 0 0 8 7 6 1

X. FACILITY'S EPA I.D. NO.

FIM 1 1 D 0 0 0 7 2 4 8 3 1

IX. FACILITY NAME (specify facility to which all wastes on this page were shipped)

MICHIGAN DISPOSAL, INC.

XI. FACILITY ADDRESS

49350 N. SERVICE DR.  
BELLEVILLE, MI 48111

XII. TRANSPORTATION SERVICES USED

WASTE MANAGEMENT OF MICHIGAN /WEST, MID 072790546

GREAT LAKES WATER BLASTING, INC. MID 087484556

XIII. WASTE IDENTIFICATION

Sequence #	Line #	A. Description of Waste	B. DOT Hazard code	C. EPA Hazardous Waste No. (see instructions)	D. Amount of Waste	E. Unit of Measure
29 32	1	HAZARDOUS WASTE SOLID, N.O.S.	1 5	F 0 0 6	3 8 9 5 0	G*
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					

XIV. COMMENTS (enter information by section number—see instructions)

\* DENSITY = APPROX. 1.1 gram/ml

**C.2 Compliance/  
Enforcement**



YES  
4-26-83  
Code 0

STATE OF MICHIGAN



#1479

NATURAL RESOURCES COMMISSION

JACOB A. HOEFER  
E. M. LAITALA  
HILARY F. SNELL  
PAUL H. WENDLER  
HARRY H. WHITELEY  
JOAN L. WOLFE  
CHARLES G. YOUNGLOVE

WILLIAM G. MILLIKEN, Governor

DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING  
BOX 30028  
LANSING, MI 48909  
HOWARD A. TANNER, Director  
Hazardous Waste Division  
Detroit Area  
9311 Groh Road  
Grosse Ile, Michigan 48138

March 15, 1983

Mr. G. Lloyd Gordon  
Manufacturing Engineer  
GMC-Fisher Body Fleetwood Plant  
West Fort St/West End Avenue  
Detroit, Michigan 48209

Re: MIT 270012586

Dear Mr. Gordon:

On March 9, 1983, the Fleetwood Plant was inspected to determine compliance with Subtitle C of the Resource Conservation and Recovery Act (RCRA) of 1976, as amended. The facility generates and stores hazardous waste and is subject to the Act.

No violations of RCRA were found during the inspection.

Thank you for your cooperation. Feel free to contact me at (313) 675-0860 if you have any questions.

Sincerely,

William E. Stone

William E. Stone  
Water Quality Specialist  
Compliance Section  
Hazardous Waste Division

WES/sc

cc: Ken Burda (3)

Hazardous Waste Inspection

GMC-Fisher Body Division-Fleetwood Plant  
West Fort and West End Avenue  
Detroit, Michigan 48209

MIT 270012586

The plant is an automobile body assembly operation. No off site waste is accepted.

Most of the waste generated (90%) is ignitable (D001) paint sludge and thinner. It is accumulated in drums in the plant, transferred to the outside curbed concrete HWMF and the drums are transported to Chem-Met by K & D Industry before 90 days has elapsed.

Another major waste is the sludge from the wastewater treatment plant. Since the plating rinse waters are discharged to the treatment plant, the company is managing the sludge as F006 waste. They are preparing a delisting petition for the sludge since it and the wastewater do not exhibit the characteristics for which F006 was listed or any other hazardous characteristics. The sludge after removal from the treatment tank is dewatered (filter press) and transported to Wayne Disposal by Waste Management.

They occasionally generate D006 and D002 waste and could potentially generate a large number of other characteristic and U and P list wastes. Generally these are placed in drums, accumulated in the HWMF and disposed of at Chem-Met.

The facility has status as a storage facility but it was indicated that no waste has been accumulated beyond 90 days since 10/1980.

The assembly operations are scheduled to transfer to the Plant under construction in Detroit within two years.

sc

QES  
4-26-83  
code 0

# 1479

### RCRA Inspection Report

EPA Identification Number: MIT 270012586 (MID 065354746)

Installation Name: GMC-Fisher Body Div. - Fleetwood Plt.

Location Address: West Fort and West End Ave.

City: Detroit

State: Mi 48209

Date of inspection: 3/9/83

Time of inspection (from) 1:30p (to) 3:30p

Person(s) interviewed

Title

Telephone

G. Lloyd Gordon

Manufacturing Eng. 313)554-7248

Inspector(s)

Agency/Title

Telephone

William E. Stoue

Mi DNR-HWO/WQS 313)675-0860

Installation Activity (mark only one box)

Inspection Form(s)

☒ Treatment/Storage/Disposal per 40 CFR 265.1 and/or  
Generation and/or Transportation

A

☐ Treatment/Storage/Disposal (no generation or Transportation)

A

☐ Generation and Transportation

B, C

☐ Generation only

B

☐ Transportation only

C

cc: Ken Bunde (3)  
Mr. Gordon

Section A: SCOPE OF INSPECTION.

1. Interim status standards for treatment storage or disposal of HAZARDOUS WASTES SUBJECT TO 40 CFR 265.1. Complete Inspection Form A sections B, C, D, E, and G.
2. Place an "X" in the box(es) corresponding to the facility's treatment, storage and disposal processes, and generation and/or transportation activity (if any). Complete only the applicable sections and appendices.

Permit application process(es) (EPA Form 3510-3)      Inspection Form A section(s)

S01	<input checked="" type="checkbox"/>	storage in containers	I
S02	<input type="checkbox"/>	storage in tanks	J
T01	<input type="checkbox"/>	treatment in tanks	J
S04	<input type="checkbox"/>	storage in surface impoundment	K,F
T02	<input type="checkbox"/>	treatment in surface impoundment	K,F
D83	<input type="checkbox"/>	disposal in surface impoundment	K,F
S03	<input type="checkbox"/>	storage in waste pile	L
D81	<input type="checkbox"/>	disposal by land application	M,F
D80	<input type="checkbox"/>	disposal in landfill	N,F
T03	<input type="checkbox"/>	treatment by incineration	O/P
T04	<input type="checkbox"/>	treatment in devices other than tanks, surface impoundments, or incinerators	Q

Other activities

GENERATOR	<input checked="" type="checkbox"/>	APPENDIX	GN
TRANSPORTER	<input type="checkbox"/>	APPENDIX	TR

3. Indicate any hazardous waste processes, by process code, which have been omitted from Part A of the facility's permit application.

*None*

cc: Ken Burda<sup>(3)</sup>  
Mr. Gordon

Indicate any hazardous waste processes (by process code and line number on EPA Form 3510-3 page 1 of 5) which appear to be eligible for exclusion per 40 CFR 265.1(c). Provide a brief rationale for the possible exclusion.

*Line 3 - T01 - This is treatment in a tank w/ discharge to ~~the~~ a POTW, meets "Wastewater Treatment Unit" exclusion.*

*The wastewater is not hazardous and the dudge although listed (FO06) does not ~~not~~ exhibit the characteristics A-1 for which it was listed. (4-82A)  
The company is therefore preparing a delisting petition for FO06. If approved the S02 and T04 wont exist.*



Section B: GENERAL FACILITY STANDARDS: (Part 265 Subpart B)

	YES	NO	NI*	Remarks
1. Has the Regional Administrator been notified regarding: 265.12				
a. Receipt of hazardous waste from a foreign source?	<u>      </u>	<u>      </u>	<u>      </u>	<u>NA</u>
b. Facility expansion?	<u>      </u>	<u>      </u>	<u>      </u>	<u>NA</u>
c. Change of owner or operator?	<u>      </u>	<u>      </u>	<u>      </u>	<u>NA</u>
2. General Waste Analysis: 265.13				
a. Has the owner or operator obtained a detailed chemical and physical analysis of the waste?	<u>X</u>	<u>      </u>	<u>      </u>	<u>      </u>
b. Does the owner or operator have a detailed waste analysis plan on file at the facility?	<u>X</u>	<u>      </u>	<u>      </u>	<u>      </u>
c. Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?	<u>      </u>	<u>      </u>	<u>      </u>	<u>NA</u>
3. Security - Do security measures include: (if applicable) 265.14				
a. 24-Hour surveillance?	<u>X</u>	<u>      </u>	<u>      </u>	<u>      </u>
or				
b. i. Artificial or natural barrier around facility?	<u>X</u>	<u>      </u>	<u>      </u>	<u>      </u>
and				
ii. Controlled entry?	<u>X</u>	<u>      </u>	<u>      </u>	<u>      </u>
c. Danger sign(s) at entrance?	<u>  #  </u>	<u>      </u>	<u>X</u>	<u>      </u>
4. Owner or operator inspections: 265.15				
a. Does the owner or operator inspect the facility for malfunctions, deterioration, operator errors, and discharges of hazardous waste that may affect human health or the environment?	<u>X</u>	<u>      </u>	<u>      </u>	<u>      </u>

\*Not Inspected

	YES	NO	NI	Remarks
b. Does the owner or operator have an inspection schedule at the facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on form
c. If so, does the schedule address the inspection of the following items:				
i. monitoring equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
ii. safety and emergency equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety dept.
iii. security devices?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Security Dept.
iv. operating and structural equipment (i.e. dikes, pumps, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
v. type of problems to be looked for during the inspection (e.g. leaky fitting, defective pump, etc.)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
vi. inspection frequency (based upon the possible deterioration rate of the equipment)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Are areas subject to spills inspected daily when in use?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. Does the owner or operator maintain an inspection log or summary of owner or operator inspections?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. Does the inspection log contain the following information:				
i. the date and time of the inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	sometimes not time
ii. the name of the inspector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	one inspector signed once
iii. a notation of the observations made?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
iv. the date and nature of any repairs or remedial actions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Do personnel training records include: 265.16				
a. Job titles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Job descriptions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	personnel

YES NO NI Remarks

c. Description of training?

X — —

d. Records of training?

X — —

e. Did facility personnel receive the required training by 5-19-81?

X — —

f. Do new personnel receive required training within six months?

— — X

g. Do personnel training records indicate that personnel have taken part in an annual review of initial training?

X 9/82 last review  
scheduled for 6/83

6. If required, are the following special requirements for ignitable, reactive, or incompatible wastes addressed? 265.17

a. Special handling?

X — —

b. No smoking signs?

— — X

c. Separation and protection from ignition sources?

X — —

Section C: PREPAREDNESS AND PREVENTION: (Part 265 Subpart C)

1. Maintenance and Operation  
of Facility: 265.31

Is there any evidence of fire,  
explosion, or release of  
hazardous waste or hazardous  
waste constituent?

YES NO NI Remarks

— X —

2. If required, does the facility  
have the following equipment: 265.32

a. Internal communications or  
alarm systems?

X — —

b. Telephone or 2-way radios  
at the scene of operations?

X — —

c. Portable fire extinguishers,  
fire control, spill control  
equipment and decontamination  
equipment?

X — —

Indicate the volume of water and/or foam available for fire control:

250,000 and 75,000 tanks as back up to Municipal

3. Testing and Maintenance of  
Emergency Equipment: 265.33

a. Has the owner or operator  
established testing and  
maintenance procedures  
for emergency equipment?

X — —

b. Is emergency equipment  
maintained in operable  
condition?

X — —

4. Has owner or operator provided  
immediate access to internal  
alarms? (if needed) 265.34

X — —

5. Is there adequate aisle space  
for unobstructed movement?

X — —

6. Has the owner or operator attempted  
to make arrangements with local  
authorities in case of an emergency  
at the facility?

X — —



Section D: CONTINGENCY PLAN AND EMERGENCY PROCEDURES: (Part 265 Subpart D)

YES NO NI Remarks

1. Does the Contingency Plan contain the following information: 265.52

a. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)

X

b. Arrangements agreed by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37?

X

excellent

c. Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?

X

d. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?

X

e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?)

X

2. Are copies of the Contingency Plan available at the site and local emergency organizations? 265.53

X

YES NO NI Remarks

3. Emergency Coordinator 265.55

- a. Is the facility Emergency Coordinator identified?
- b. Is coordinator familiar with all aspects of site operation and emergency procedures?
- c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?

X

X

X

4. Emergency Procedures 265.56

If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?

NA

Section E: MANIFEST SYSTEM, RECORDKEEPING, AND REPORTING: (Part 265 Subpart E)

	YES	NO	NI	Remarks
<b>** 1. Use of Manifest System 265.71</b>				
a. Does the facility follow the procedures listed in §265.71 for processing each manifest? (Particularly sending a copy of the signed manifest back to the generator within 30 days after delivery.)				
b. Are records of past shipments retained for 3 years?				
<b>** 2. Does the owner or operator meet requirements regarding manifest discrepancies? 265.72</b>				
<b>** Not applicable to owners or operators of on-site facilities that do not receive any waste from off-site sources.</b>				
<b>3. Operating Record 265.73</b>				
a. Does the owner or operator maintain an operating record as required in 265.73?	X			
b. Does the operating record contain the following information:				
i. The method(s) and date(s) of each waste's treatment, storage, or disposal as required in 40 CFR Part 265 Appendix I?	X			manifests
ii. The location and quantity of each hazardous waste within the facility? (This information should be cross-referenced to specific manifest number, if waste was accompanied by a manifest.)	X			inspection log - # drums
***iii. A map or diagram of each cell or disposal area				

\*\*\* only applies to disposal facilities



showing the location and quantity of each hazardous waste? (This information should be cross-referenced to specific manifest number, if waste was accompanied by a manifest.)

- iv. Records and results of all waste analyses, trial tests, monitoring data, and operator inspections?

- v. Reports detailing all incidents that required implementation of the Contingency Plan?

- vi. All closure and post closure costs as applicable?

4. Availability of Records 265.74

Are all facility records required under 40 CFR Part 265 available for inspection?

5. \*\*Unmanifested Waste Reports 265.76

- a. Has the facility accepted any hazardous waste from an off-site generator subject to 40 CFR 262.20 without a manifest or shipping paper?
- b. If "a" is yes, provide the identity of the source of the waste and a description of the quantity, type, and date received for each unmanifested hazardous waste shipment.

\*\* Not applicable to owners or operators of on-site facilities that do not receive any hazardous from off-site sources.

# Section F - GROUNDWATER MONITORING (Part 265 Subpart F)

Complete this section for facilities that treat, store, or dispose of hazardous waste in landfills, surface impoundments and/or by land treatment.

	YES	NO	NI	Remarks
1. Has the owner or operator of the facility implemented a groundwater monitoring system? 265.90	_____	_____	_____	_____
If "no", Skip to number 11.				
2. Has the owner or operator of the facility implemented an alternate groundwater monitoring system as described in 265.90(d)?	_____	_____	_____	_____
If "yes", skip to number 12.				
If "no", continue				
3. Does the groundwater monitoring system meet the following requirements of 265.91:				
a. At least one well installed hydraulically up-gradient from the limit of the waste management area?	_____	_____	_____	_____
Indicate the total number of up-gradient wells.				
b. At least three wells installed hydraulically down-gradient at the limit of the waste management area?	_____	_____	_____	_____
Indicate the total number of downgradient wells.				
c. Are the number, locations, and depths of all wells sufficient to yield groundwater samples that are representative of groundwater under the facility?	_____	_____	_____	_____

Sketch the locations of the wells relative to the waste management area.

	YES	NO	NI	Remarks
d. Are the monitoring wells constructed in accordance with 265.91(c) (e.g. properly cased, screened, etc.)?	—	—	—	—
4. Has the owner or operator developed a written groundwater sampling and analysis plan that includes procedures and techniques for: 265.92				
a. Sample collection?	—	—	—	—
b. Sample preservation and shipment?	—	—	—	—
c. Analytical procedures?	—	—	—	—
d. Chain of custody control?	—	—	—	—
5. Does the owner or operator follow his groundwater sampling and analysis plan?	—	—	—	—
6. Is the groundwater sampling and analysis plan maintained at the facility?	—	—	—	—
7. Has the owner or operator determined the concentration or value of all the groundwater monitoring parameters of 265.92(b) in accordance with paragraphs c and d of 265.92?	—	—	—	—

	YES	NO	NI	Remarks
8. Has the owner or operator developed an <u>outline</u> of a comprehensive ground-water quality assesment program that is capable of determining: 265.93				
a. Whether hazardous waste or hazardous waste constituents have entered the groundwater?	—	—	—	
b. The rate and extent of migration of hazardous waste or hazardous waste constituents in the groundwater?	—	—	—	
c. The concentration of hazardous waste or hazardous waste constituents in the groundwater?	—	—	—	
*9. Has the owner or operator performed a statistical analysis of his ground-water monitoring data as required in 265.93(b)?	—	—	X	
*10. Was there a statistically significant increase (or pH decrease) detected in any well?	—	—	X	
a. If "yes," has the owner or operator responded in accordance with the procedures prescribed in 265.93 paragraphs c through f?	—	—	X	
Skip to number 14				
11. Has the owner or operator prepared a written groundwater monitoring waiver demonstration for the facility?	—	—	—	
a. Is the waiver demonstration maintained at the facility?	—	—	—	
b. Has the waiver demonstration been certified by a qualified geologist or geotechnical engineer?	—	—	—	

Note: Inspectors should request a copy of the waiver document.

c. Skip questions 12, 13, and 14.

\*These requirements do not take effect until the first 6 months after November 19, 1982. The latest date for compliance with these requirements is May 19, 1983.



	YES	NO	NI	Remarks
12. Has the owner or operator submitted an alternate groundwater monitoring system to the Regional Administrator?	___	___	___	_____
a. Has the plan been certified by a qualified geologist or geotechnical engineer?	___	___	___	_____

Note: If the plan for an alternate groundwater monitoring system was not submitted to the Regional Administrator the inspector should request a copy for review.

13. Does the alternate groundwater monitoring plan address the requirements of 265.90(d)?	___	___	___	_____
14. Does the owner or operator submit reports and maintain records as required in 265.94?	___	___	___	_____

Section G CLOSURE AND POST CLOSURE (Part 35 Subpart G)

YES NO NI Remarks

1. Closure 265.112

a. Is the facility closure plan available for inspection?

☒

b. Does the plan identify:

i. maximum extent unclosed during facility life?

☐

NA

ii. maximum hazardous waste inventory?

☒

iv. estimated year of closure?

☐

NA open ended

v. schedule of closure activities?

☒

c. Has closure begun?

☒

\*2. Post-Closure 265.118

a. Is the post-closure plan available for inspection?

☐

b. Does this plan contain:

i. description of groundwater monitoring activities and frequencies?

☐

ii. description of maintenance activities and frequencies for

AA. integrity of cap, final cover, or containment structures, where applicable

☐

BB. facility monitoring equipment

☐

iii. name, address, and phone number of person or office to contact during post-closure care period?

☐

c. Has the post-closure period begun?

☐

d. Is the written post-closure cost estimate available? 265.144

☐

Applies only to disposal facilities.

Section I - USE AND MANAGEMENT OF CONTAINERS (Part 265, Subpart I)

	YES	NO	NI	Remarks
1. Are containers in good condition? 265.171	<u>X</u>	—	—	_____
2. Are containers compatible with waste in them? 265.172	<u>X</u>	—	—	_____
3. Are containers managed to prevent leaks? 265.173	<u>X</u>	—	—	_____
4. Are containers stored closed?	<u>X</u>	—	—	_____
5. Are containers inspected weekly for leaks and defects.	<u>X</u>	—	—	_____
6. Are <u>ignitable</u> and reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive). 265.176	<u>X</u>	—	—	_____
7. Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply). 265.177	<u>X</u>	—	—	_____
8. Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?	<u>X</u>	—	—	_____

Section J - TANKS (Part 265, Subpart J)

YES NO NI Remarks

1. Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank? 265.192  
 \_\_\_\_\_
2. Do uncovered tanks have at least 60 cm (2 feet) of free-board, or dikes or other containment structures?  
 \_\_\_\_\_
3. Do continuous feed systems have a waste-feed cutoff?  
 \_\_\_\_\_
4. Are waste analyses done before the tanks are used to store a substantially different waste than before? 265.193  
 \_\_\_\_\_
5. Are required daily and weekly inspections done? 265.194  
 \_\_\_\_\_
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? 265.198  
 Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)  
 \_\_\_\_\_
7. Are incompatible wastes stored in separate tanks? 265.199  
 (If not, the provisions of 40 CFR 265.17(b) apply.)  
 \_\_\_\_\_
8. Has the owner or operator observed the National Fire Protection Associations buffer zone requirements for tanks containing ignitable or reactive wastes?

Tank capacity: \_\_\_\_\_ gallons

Tank diameter: \_\_\_\_\_ feet

Distance of tank from property line \_\_\_\_\_ feet

(See table 2 - 1 through 2 - 6 of NFPA's "Flammable and Combustible Liquids Code - 1977" to determine compliance.)



Section K - SURFACE IMPOUNDMENTS (Part 265, Subpart K)

	YES	NO	NI	Remarks
1. Do surface impoundments have at least 60 cm (2 feet) of freeboard? 265.222	_____	_____	_____	_____
2. Do earthen dikes have protective covers? 265.223	_____	_____	_____	_____
3. Are waste analyses done when the impoundment is used to store a substantially different waste than before? 265.225	_____	_____	_____	_____
4. Is the freeboard level inspected at least daily? 265.226	_____	_____	_____	_____
5. Are the dikes inspected weekly for evidence of leaks or deterioration?	_____	_____	_____	_____
6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.229	_____	_____	_____	_____
7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.230	_____	_____	_____	_____

Section L - WASTE PILES (40 CFR Part 265, Subpart L)

	YES	NO	NI	Remarks
1. Are waste piles covered or protected from dispersal by wind? 265.251	_____	_____	_____	_____
2. Is each in-coming movement of waste analyzed before being added to the waste pile? 265.252	_____	_____	_____	_____
3. Are leachate, run-off, and run-on controlled as per the requirements of 265.253? 265.253	_____	_____	_____	_____
4. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.) 265.256	_____	_____	_____	_____
5. Are piles of reactive or ignitable waste protected from materials or conditions that might cause them to ignite or react?	_____	_____	_____	_____
6. Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.) 265.257	_____	_____	_____	_____
7. Are piles of incompatible waste protected by barriers or distance from other waste?	_____	_____	_____	_____

Section M - LAND TREATMENT (Part 265, Subpart M)

	YES	NO	NI	Remarks
1. Is treated hazardous waste capable of biological or chemical degradation? 265.272	_____	_____	_____	_____
2. Are run-off and run-on diverted from the facility or collected	_____	_____	_____	_____
3. Is waste analyzed according to 265.273?	_____	_____	_____	_____
4. If food chain crops are grown at the facility, has the owner or operator addressed the requirements of 265.276?	_____	_____	_____	_____
5. Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available? 265.278	_____	_____	_____	_____
6. Does the unsaturated zone monitoring plan address the minimum information specified in 265.278?	_____	_____	_____	_____
7. Are records kept regarding application dates and rates, quantities, and locations, of all hazardous waste placed in the facility? 265.279	_____	_____	_____	_____
8. Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes? (Indicate if waste is ignitable or reactive.) 265.281	_____	_____	_____	_____
9. Are incompatible wastes land treated? (If yes, 265.17(b) applies) 265.282	_____	_____	_____	_____

Section N - LANDFILLS (Part 265, Subpart N)

YES   NO   NI   Remarks

1. General Operating Requirements    265.302  
Does the facility provide the following:

- a. Diversion of run-on away from active portions of the fill?
- b. Collection of run-off from active portions of the fill?
- c. Is collected run off treated?
- d. Control of wind dispersal of hazardous waste?

2. Surveying and Recordkeeping    265.309  
Does the Operating Record Include:

- a. A map showing the exact location and dimensions of each cell?
- b. The contents of each cell and the location of each hazardous waste type within each cell?

3. Special requirements for ignitable or reactive waste. Are ignitable or reactive wastes treated so the resulting mixture is no longer ignitable or reactive? (Indicate if waste is ignitable or reactive.)    265.312

4. Special Requirements for Incompatible Wastes.    265.313

Does the owner or operator dispose of incompatible waste in separate cells? (If not, the provisions of 40 CFR 265.17(b) apply.)

Note: If waste is rendered non-reactive or non-ignitable see treatment requirements. If not, the provisions of 40 CFR 265.17(b) apply.



YES NO NI Remarks

5. Special requirements for liquid waste  
265.314

a. Are bulk or non-containerized liquids placed in the landfill?  
If "yes," complete items i, ii, and iii.

i. Does the landfill have a chemically and physically resistant liner system?

ii. Does the landfill have a functional leachate collection system?

iii. Are free liquids stabilized prior to or immediately after placement in the landfill?

b. Have containers holding free liquids been placed in landfill since March 22, 1982?

6. Special requirements for Containers  
Are empty containers crushed flat, shredded, or similarly reduced in volume before being buried beneath the surface of the landfill?  
265.315

Section O/P - INCINERATION AND THERMAL TREATMENT (40 CFR Part 265, Subparts O and P)

1. Determination of Steady State

I=incinerator T=thermal

a. Type of unit (i.e., type of incinerator or thermal treatment): \_\_\_\_\_

b. Components and steady state condition: I 265.343 T 265.373

Was each component at steady state prior to adding waste?

Component	YES	NO	NI	Remarks
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

2. Waste Analysis

I 265.345

T 265.375

a. Minimum requirements, for wastes not previously burned/treated.

i. Required analyses; has an analysis been performed for the following?

Heating value	_____	_____	_____	_____
Halogen content	_____	_____	_____	_____
Sulfur content	_____	_____	_____	_____

ii. Has documented or written data been substituted for analysis of either:

Lead?	_____	_____	_____	_____
Mercury:	_____	_____	_____	_____

- b. List other parameters for which the waste is tested to enable owner or operator to establish steady state or determine the types of pollutants which may be emitted. (Note in Remarks any which you feel should be tested.)

	YES	NO	NI	Remarks
3. <u>Monitoring and Inspections</u> I 265.347 T 265.37				
a. Are combustion/emission control instruments monitored at least every 15 minutes?	_____	_____	_____	_____
b. Is steady state maintained or corrections attempted?	_____	_____	_____	_____
c. Is stack plume observed at least hourly for normal color and opacity?	_____	_____	_____	_____
d. Did any stack observations made by owner or operator show a plume different than normal?**	_____	_____	_____	_____
e. If "yes" to (d) above, were corrections made to return emissions to normal appearance?**	_____	_____	_____	_____
f. Are the complete unit and associated equipment inspected daily for leaks, spills, and fugitive emissions?	_____	_____	_____	_____
**Specify in Remarks for what period of time this was checked.				
g. Are emergency shutdown controls and system alarms checked daily for proper operation?	_____	_____	_____	_____
4. <u>Open Burning</u> T 265.382 (open burning does not apply to incineration)				
a. Only complete this part if the facility open burns hazardous waste.				
i. Does this facility burn <u>only</u> waste explosives? (A <u>No</u> answer means <u>other</u> hazardous waste is open-burned).	_____	_____	_____	_____

YES NO NI Remarks

- ii. It this facility open-burns waste explosives, does it burn the waste at a distance greater than or equal to the minimum specified distance (below)

Pounds of waste explosives or propellants	Minimum distance from open burning or detonation to the property of others	
0 to 100.....	204 m	670 ft
101 to 1,000.....	380 m	1,250 ft
1,001 to 10,000.....	530 m	1,730 ft
10,0001 to 30,000.....	690 m	2,260 ft



Section Q - CHEMICAL, PHYSICAL AND BIOLOGICAL TREATMENT (Part 265, Subpart Q)

	YES	NO	NI	Remarks
1. Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure? 265.401	___	___	___	_____
2. Is a continuously fed system equipped with a means of hazardous waste inflow stoppage or control (e.g., cut-off system)?	___	___	___	_____
3. Has the owner or operator addressed the waste analysis requirements of 265.402?	___	___	___	_____
4. Are inspection procedures followed according to 265.403?	___	___	___	_____
5. Are the special requirements fulfilled for ignitable or reactive wastes? 265.405	___	___	___	_____
6. Are incompatible wastes treated? (If yes, 265.17(b) applies.) 265.406	___	___	___	_____

Note: EPA has temporarily suspended the applicability of the requirements of the hazardous waste regulations in 40 CFR Parts 122, 264 and 265 to owners and operators of (1) wastewater treatment tanks that receive, store, and treat wastewaters that are hazardous waste or that generate, store or treat a wastewater treatment sludge which is a hazardous waste where such wastewaters are subject to regulation under Sections 402 or 307(b) of the Clean Water Act (33 U.S.C. 1251 et seq.) and (2) neutralization tanks, transport vehicles, vessels, or containers which neutralize wastes which are hazardous only because they exhibit the corrosivity characteristics under 40 CFR §261.22, or are listed as hazardous wastes in Subpart D of 40 CFR Part 261 only for this reason.

## Section A: Scope

1. Complete this Appendix if the owner or operator of a TSD facility also generates hazardous waste that is subsequently shipped off-site for treatment, storage, or disposal.

Section B: MANIFEST REQUIREMENTS (Part 262, Subpart B)

	YES	NO	NI	Remarks
(1) Does the operator have copies of the manifest available for review? 262.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(2) Examine manifests for shipments in past 6 months. Indicate approximate number of manifested shipments during that period. <u>30</u>				
(3) Do the manifest forms examined contain the following information: (If possible, make copies of, or record information from, manifest(s) that do not contain the critical elements). 262.21				
a. Manifest document number?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Name, mailing address, telephone number, and EPA ID number of Generator	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Name and EPA ID Number of Transporter(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Name, address, and EPA ID Number Designated permitted facility and alternate facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
e. The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
f. The total quantity of waste(s) and the type and number of containers loaded?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
g. Required certification?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
h. Required signatures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(4) Reportable exceptions 262.42				
a. For manifests examined in (2) (except for shipments within the last 35 days), enter the number of manifests for which the generator has <u>NOT</u> received a signed copy from the designated facility within 35 days of the date of shipment. <u>0 - none</u>				
b. For manifests indicated in (4a), enter the number for which the generator has submitted exception reports (40 CFR 262.42) to the Regional Administrator. <u>NA</u>				

Section C: PRE-TRANSPORT REQUIREMENTS (Part 262, Subpart C)

	YES	NO	NI	Remarks
1. Is waste packaged in accordance with DOT regulations? (Required prior to movement of hazardous waste off-site) 262.30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Are waste packages marked and labeled in accordance with DOT regulations concerning hazardous waste materials? (Required for movement of hazardous waste off-site) 262.31 262.32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. If required, are placards available to transporters of hazardous waste? 262.33	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. On-site accumulation of generated hazardous wastes. A HWMF may accumulate hazardous waste it generates either (A) in its storage facility [265.1(b)] or (B) in accordance with 40 CFR 262.34 [see 265.1(c)(7)]. Option B restricts all accumulation to tanks and containers. If the installation elects option A, check this box <input checked="" type="checkbox"/> and skip to Section D. If the installation elects option B, complete the following observations: See 40 CFR 262.34 January 11, 1982 Revision				
a. Is each container clearly marked with the start of accumulation date?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b. Have more than 90 days elapsed since the date inspected in (a)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
c. Do wastes remain in accumulation tanks for more than 90 days?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
d. Is each container and tank labeled or marked clearly with the words "Hazardous Waste"?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section D: - RECORDKEEPING AND REPORTING (Part 262, Subpart D)

	YES	NO	NI	Remarks
1. Are all test results and analyses needed for hazardous waste determinations retained for at least three years? 262.40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Section E: - INTERNATIONAL SHIPMENTS (Part 262, Subpart E)

1. Has the installation imported or exported Hazardous Waste? 262.50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(If answered Yes, complete the following as applicable.)				
a. Exporting Hazardous waste; has a generator:				

	YES	NO	NI	Remarks
i. Notified the Administrator in writing?	_____	_____	_____	_____
ii. Obtained the signature of the foreign consignee confirming delivery of the waste(s) in the foreign country?	_____	_____	_____	_____
iii. Met the Manifest requirements?	_____	_____	_____	_____
b. Importing Hazardous Waste; has the generator met the manifest requirements?	_____	_____	_____	_____

# Appendix TR

## Section A: SCOPE:

1. Complete this Appendix if the owner or operator transports hazardous waste subject to 40 CFR 263.10.
2. Does the transporter transport hazardous waste into the U.S. from abroad?
3. Does the transporter transport hazardous waste out from the U.S.?
4. Does the transporter mix hazardous waste of different DOT shipping descriptions by placing them into a single container?

YES NO NI Remarks

## Section B: MANIFEST SYSTEM AND RECORDKEEPING (Part 263, Subpart B)

1. Are copies of completed manifests available for review and retained for three years. 263.22
2. Estimate the number of manifests for shipments completed during the past 6 months.
3. Examine a representative number of manifests. Indicate number examined.
4. Did transporter properly sign and date the manifests examined?
5. Do any manifests indicate shipments delivered to other than the designated facility? 263.21  
If (5) is "no," skip 6 and 7.
6. Do any manifests indicate shipments delivered to other than an alternate facility?
7. Are shipments delivered to alternate facilities only because emergency prevents delivery to the designated facility?



**D. Corrective  
Action**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD

CHICAGO, IL 60604-3590

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RECORD CENTER *Comp*

REPLY TO THE ATTENTION OF:

HRE-8J

April 21, 1993

Mr. Warner Johnson  
Field Operations Manager  
General Motors Corporation, Fisher Body Division  
Fleetwood Plant  
West Fort Street and West End Avenue  
Detroit, Michigan 48209

Re: Visual Site Inspection  
Former General Motors Corporation, Fisher  
Body Division  
Fleetwood Plant  
Detroit, Michigan  
MID 980 700 876

Dear Mr. Johnson:

The U.S. Environmental Protection Agency is enclosing a copy of the final Preliminary Assessment/Visual Site Inspection (PA/VSI) report for the referenced facility. The executive summary and conclusions and recommendations sections have been withheld as Enforcement Confidential.

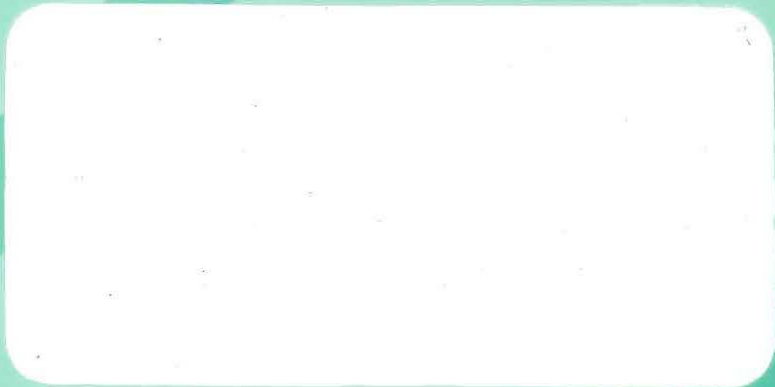
If you have any questions, please call Francene Harris at (312) 886-2884.

Sincerely yours,

Kevin M. Pierard, Chief  
Minnesota/Ohio Technical Enforcement Section  
RCRA Enforcement Branch



**U.S. Environmental Protection Agency**  
Office of Waste Programs Enforcement  
Contract No. 68-W9-0006



# **TES 9**

**Technical Enforcement Support  
at Hazardous Waste Sites  
Zone III  
Regions 5,6, and 7**

***PRC***

**PRC Environmental Management, Inc.**

PRC Environmental Management, Inc.  
233 North Michigan Avenue  
Suite 1621  
Chicago, IL 60601  
312-856-8700  
Fax 312-938-0118



**PRELIMINARY ASSESSMENT/  
VISUAL SITE INSPECTION**

**FORMER GENERAL MOTORS CORPORATION  
FISHER BODY DIVISION, FLEETWOOD PLANT  
DETROIT, MICHIGAN  
MID 980 700 876**

**FINAL REPORT**

**Prepared for**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Waste Programs Enforcement  
Washington, DC 20460**

Work Assignment No.	:	C05087
EPA Region	:	5
Site No.	:	MID 980 700 876
Date Prepared	:	March 22, 1993
Contract No.	:	68-W9-0006
PRC No.	:	009-C05087MI4D
Prepared by	:	PRC Environmental Management, Inc. (Tim Oliver)
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Telephone No.	:	(312) 856-8700
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Telephone No.	:	(312) 886-4448

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### Attachment

- A EPA PRELIMINARY ASSESSMENT FORM 2070-12
- B VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS
- C VISUAL SITE INSPECTION FIELD NOTES
- D PCB TRANSFORMER DISPOSAL INFORMATION
- E FORMER WASTE COLLECTION STATIONS (SWMU 9)



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## EXECUTIVE SUMMARY

PRC Environmental Management, Inc. (PRC), performed a preliminary assessment and visual site inspection (PA/VSI) to identify and assess the existence and likelihood of releases from solid waste management units (SWMU) and other areas of concern (AOC) at the General Motors Corporation, Fisher Body Division, Fleetwood Plant (GMC) facility in Detroit, Wayne County, Michigan. This summary highlights the results of the PA/VSI and the potential for releases of hazardous wastes or hazardous constituents from SWMUs and AOCs identified. In addition, a completed U.S. Environmental Protection Agency (EPA) Preliminary Assessment Form (EPA Form 2070-12) is included in Attachment A to assist in prioritizing RCRA facilities for corrective action.

The GMC facility was an automotive body assembly and components manufacturing plant. The plant ceased operation on December 22, 1987. In December 1988, the facility was sold to Fort Street Properties, Inc. This investment group is currently completing the demolition of all former structures at the facility so that the property can be redeveloped. Automotive manufacturing operations at this facility began in the early 1900s. Facility representatives could not determine when GMC ownership began. The facility occupies approximately 44 acres in a mixed-use area in the southern portion of the city of Detroit.

No wastes are currently generated at the facility; however, facility records indicate that the following hazardous wastes were generated and stored at the facility: waste lacquer (D001); waste thinner (D001); waste paint (D001 and D008); waste solvents (D001, F002, F003, and F005); waste adhesive (D001); waste solvent-soiled rags (D001); waste oils (D001); waste caustic stripping compound (D001); solder grind roof waste (D008); and wastewater pretreatment sludge (F006). Nonhazardous plating rinse water, numerous types of nonhazardous waste oils, and transformer oil were also generated at the facility.

GMC's Part A permit application included container storage at the Former Hazardous Waste Drum Storage Pad (SWMU 1). The facility submitted a request for withdrawal of the Part A permit application in 1983. This request was subsequently denied by EPA because the facility could not provide sufficient documentation to prove that the facility had never stored hazardous waste for more than 90 days at SWMU 1. Based on this denial, the facility completed a paperwork RCRA-closure of SWMU 1 in 1984, stating that all wastes stored at the facility for greater than 90 days had been removed. No sampling or decontamination procedures were involved in the closure, and no formal closure plan was submitted. Closure approval was granted by the Michigan Department of Natural Resources (MDNR) in 1984. It should be noted, however, that although EPA considers the facility to have attained interim status, MDNR does

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not consider this facility a former RCRA-treatment, storage, or disposal facility. MDNR granted GMC withdrawal of their Part A permit application; however, MDNR was not authorized to implement the RCRA program when the withdrawal was granted.

The PA/VSI identified the following nine SWMUs and one AOC at the facility:

**Solid Waste Management Units**

1. Former Hazardous Waste Drum Storage Pad
2. Former Wastewater Pretreatment System
3. Former Waste Solvent Storage Tank
4. Former Paint Sludge System
5. Former Caustic Stripper Tank
6. Former Electrodepositional (ELPO) Paint Strainers and Bag Filters
7. Former Solder Grind Roof Waste Vacuum Station
8. Former Maintenance Department Paint Spray Booth Sump
9. Former Hazardous Waste Collection Stations

**Area of Concern**

1. PCB Transformer Containment Area

The potential for a release to ground water, surface water, air, and on-site soils from all SWMUs and AOC 1 is low, because the facility is no longer active and no longer handles hazardous waste.

No groundwater wells have been identified within 3 miles of the facility. The nearest surface water is the Rouge River, which is located about 0.5 mile southeast of the facility. The river is used for industrial and recreational purposes. Residential areas are located within 0.25 mile on all sides of the facility; however, the facility property is surrounded by an 8-foot, chain-link fence and is monitored by a security guard 24 hours a day. No sensitive environments have been identified within 2 miles of the facility.

Some standing liquid was observed in open raceways and sumps in the Former Wastewater Pretreatment System (SWMU 2) and PCB Transformer Containment Area (AOC 1). PRC recommends that the facility characterize this liquid and properly remove and dispose of the liquid before completing the demolition of these areas. No further action is recommended for the Former Hazardous Waste Drum Storage Pad (SWMU 1) and SWMUs 3 through 9.

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## 1.0 INTRODUCTION

PRC Environmental Management, Inc. (PRC), received Work Assignment No. C05087 from the U.S. Environmental Protection Agency (EPA) under Contract No. 68-W9-0006 (TES 9) to conduct preliminary assessments (PA) and visual site inspections (VSI) of hazardous waste treatment and storage facilities in Region 5.

As part of the EPA Region 5 Environmental Priorities Initiative, the RCRA and CERCLA programs are working together to identify and address RCRA facilities that have a high priority for corrective action using applicable RCRA and CERCLA authorities. The PA/VSI is the first step in the process of prioritizing facilities for corrective action. Through the PA/VSI process, enough information is obtained to characterize a facility's actual or potential releases to the environment from solid waste management units (SWMU) and areas of concern (AOC).

A SWMU is defined as any discernible unit at a RCRA facility in which solid wastes have been placed and from which hazardous constituents might migrate, regardless of whether the unit was intended to manage solid or hazardous waste.

The SWMU definition includes the following:

- RCRA-regulated units, such as container storage areas, tanks, surface impoundments, waste piles, land treatment units, landfills, incinerators, and underground injection wells
- Closed and abandoned units
- Recycling units, wastewater treatment units, and other units that EPA has usually exempted from standards applicable to hazardous waste management units
- Areas contaminated by routine and systematic releases of wastes or hazardous constituents. Such areas might include a wood preservative drippage area, a loading or unloading area, or an area where solvent used to wash large parts has continually dripped onto soils.

An AOC is defined as any area where a release of hazardous waste or constituents to the environment has occurred or is suspected to have occurred on a nonroutine and nonsystematic basis. This includes any area where a strong possibility exists that such a release might occur in the future.

The purpose of the PA is as follows:

- Identify SWMUs and AOCs at the facility
- Obtain information on the operational history of the facility
- Obtain information on releases from any units at the facility
- Identify data gaps and other informational needs to be filled during the VSI

The PA generally includes review of all relevant documents and files located at state offices and at the EPA Region 5 office in Chicago.

The purpose of the VSI is as follows:

- Identify SWMUs and AOCs not discovered during the PA
- Identify releases not discovered during the PA
- Provide a specific description of the environmental setting
- Provide information on release pathways and the potential for releases to each medium
- Confirm information obtained during the PA regarding operations, SWMUs, AOCs, and releases

The VSI includes interviewing appropriate facility staff; inspecting the entire facility to identify all SWMUs and AOCs; photographing all visible SWMUs; identifying evidence of releases; making a preliminary selection of potential sampling parameters and locations, if needed; and obtaining additional information necessary to complete the PA/VSI report.

This report documents the results of a PA/VSI of the General Motors Corporation, Fisher Body Division, Fleetwood Plant (GMC) facility (EPA Identification No. MID 980 700 876) in Detroit, Wayne County, Michigan. The PA was completed on December 17, 1992. PRC gathered and reviewed information from the Michigan Department of Natural Resources (MDNR), Wayne County Air Pollution Control Division (WCAPCD), and from EPA Region 5 RCRA files. The VSI was conducted on January 19, 1993. It included interviews with facility representatives and a walk-through inspection of the facility. PRC identified nine SWMUs and one AOC at the facility.



PRC completed EPA Form 2070-12 using information gathered during the PA/VSI. This form is included as Attachment A. The VSI is summarized and nine inspection photographs are included in Attachment B. Field notes from the VSI are included in Attachment C. Attachment D includes information regarding the off site disposal of two former transformers containing polychlorinated biphenyls (PCB) that were located in the PCB Transformer Containment Area (AOC 1). Attachment E includes a list of waste collection stations included in the Former Hazardous Waste Collection Stations (SWMU 9).

## **2.0 FACILITY DESCRIPTION**

This section describes the facility's location; past and present operations; waste generating processes and waste management practices; history of documented releases; regulatory history; environmental setting; and receptors.

### **2.1 FACILITY LOCATION**

The GMC facility is located at West Fort Street and West End Avenue in Detroit, Wayne County, Michigan. Figure 1 shows the location of the facility in relation to the surrounding topographic features (latitude 42°17'50" N and longitude 83°07'25" W). The facility also included one former assembly building to the northeast of West End Avenue and Springwell Avenue that was formerly connected to the main part of the facility via an over-the-street walkway and conveyor line. The facility occupies about 44 acres in a mixed-use area.

The facility is bordered on the northeast by Springwell Avenue and the Detroit Produce Company and on the east by a Norfolk and Western Railroad switching yard. Beyond the switching yard is a mixed-use area. Businesses to the southeast include Meridian Environmental Services, MPC Environmental Services, and McGutherie Lumber. The facility is bordered on the southwest by vacant lots and on the northwest by Interstate 75 and West Fort Street. The area west of West Fort Street is comprised of vacant lots and businesses, including Metro Automotive Muffler and a Marathon Oil service station. Some of the vacant lots are former parking lot areas for the facility.

### **2.2 FACILITY OPERATIONS**

The GMC facility was an automotive body assembly and components manufacturing plant. Automotive manufacturing operations began at the facility in the early 1900s; however, facility representatives could not provide information regarding previous owners or the date that GMC operations began at the facility. The plant ceased operation on December 22, 1987. In December 1988, the facility was sold to Fort Street Properties, Inc. This investment group is currently completing the demolition of all former structures at the facility so that the property can be redeveloped.

Currently, there are only four buildings remaining at the facility. The first is the Former Wastewater Pretreatment System (SWMU 2) building which has an area of 3,000 square feet. The second building still standing is the former assembly building (Building 7) which is located northeast of West End Avenue. It has an area of 88,000 square feet and is two stories tall. The



third building is a guard building and the fourth is a maintenance building that measures 4,000 square feet. Facility representatives stated during the VSI that these remaining structures will also be demolished in the future. Large piles of rubble are currently the main feature of the former facility's property (see Photograph Nos. 1 through 6). The property was a residential area prior to the construction of the facility sometime in the early 1900s.

Four former underground storage tanks were identified at the facility during the PA/VSI: two 6,700-gallon gasoline tanks, a 5,000-gallon product mineral spirits tank, and a 15,000-gallon product thinner tank. The gasoline tanks were located south of Guard Post No. 9 and at Parking Lot No. 6, respectively. The mineral spirits and thinner tanks were located in the salvage yard. All four tanks were reportedly emptied, cleaned, and removed in May and June 1988. No visible contamination or leaks were observed during the removal, and no samples were collected (PRC, 1993b).

### 2.3 WASTE GENERATION AND MANAGEMENT

No wastes are currently generated at the facility. Former SWMUs are identified in Table 1. The locations of SWMUs and AOCs in relation to the facility layout are shown in Figure 2. Wastes generated in the past by the facility are summarized in Table 2. Available information regarding the generation, storage, and off-site disposal of hazardous wastes at the facility is presented below. No off-site generated wastes were accepted by the facility (MDNR, 1983a).

Painting operations at the facility generated waste lacquer (D001), waste thinner (D001), waste paint (D008), and waste solvents (F002, F003, and F005). These wastes were accumulated in 55-gallon drums at the Former Hazardous Waste Collection Stations (SWMU 9) located throughout the facility and at the Former Maintenance Department Paint Spray Booth Sump (SWMU 8). The drums were then transferred to the Former Hazardous Waste Drum Storage Pad (SWMU 1) to await transport to an off-site disposal facility. Waste thinner (D001) and waste solvents (F002, F003, and F005) were collected at the Former Waste Solvent Storage Tank (SMWU 3). Waste paint (D008) was also collected at the Former Paint Sludge System (SWMU 4) and the Former ELPO Paint Strainers and Bag Filters (SWMU 6). In 1985, GMC shipped 144,260 gallons of waste lacquer and waste thinner to Petro-Chem Processing, Inc. (Petro-Chem) of Detroit, Michigan (MID 980 615 298), and 33,300 gallons of waste paint to Chem-Met Services (Chem-Met) of Wyandotte, Michigan (MID 096 063 194), for disposal (GMC, 1986). Waste solvents from painting operations were also transported to Chem-Met for disposal. No information regarding the volume of these solvents was available. No information was available concerning the method of waste disposal used at these facilities.

**TABLE 1**  
**SOLID WASTE MANAGEMENT UNITS**

<u>SWMU Number</u>	<u>SWMU Name</u>	<u>RCRA Hazardous Waste Management Unit<sup>a</sup></u>	<u>Status</u>
1	Former Hazardous Waste Drum Storage Pad	Yes	Inactive, underwent RCRA closure in 1984
2	Former Wastewater Pretreatment System	No	Inactive
3	Former Waste Solvent Storage Tank	No	Inactive
4	Former Paint Sludge System	No	Inactive
5	Former Caustic Stripper Tank	No	Inactive
6	Former Electrodisposition (ELPO) Paint Strainers and Bag Filters	No	Inactive
7	Former Solder Grind Roof Waste Vacuum Station	No	Inactive
8	Former Maintenance Department Paint Spray Booth Sump	No	Inactive
9	Former Hazardous Waste Collection Stations	No	Inactive

Note:

<sup>a</sup> A RCRA hazardous waste management unit is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application.



**TABLE 2**  
**SOLID WASTES**

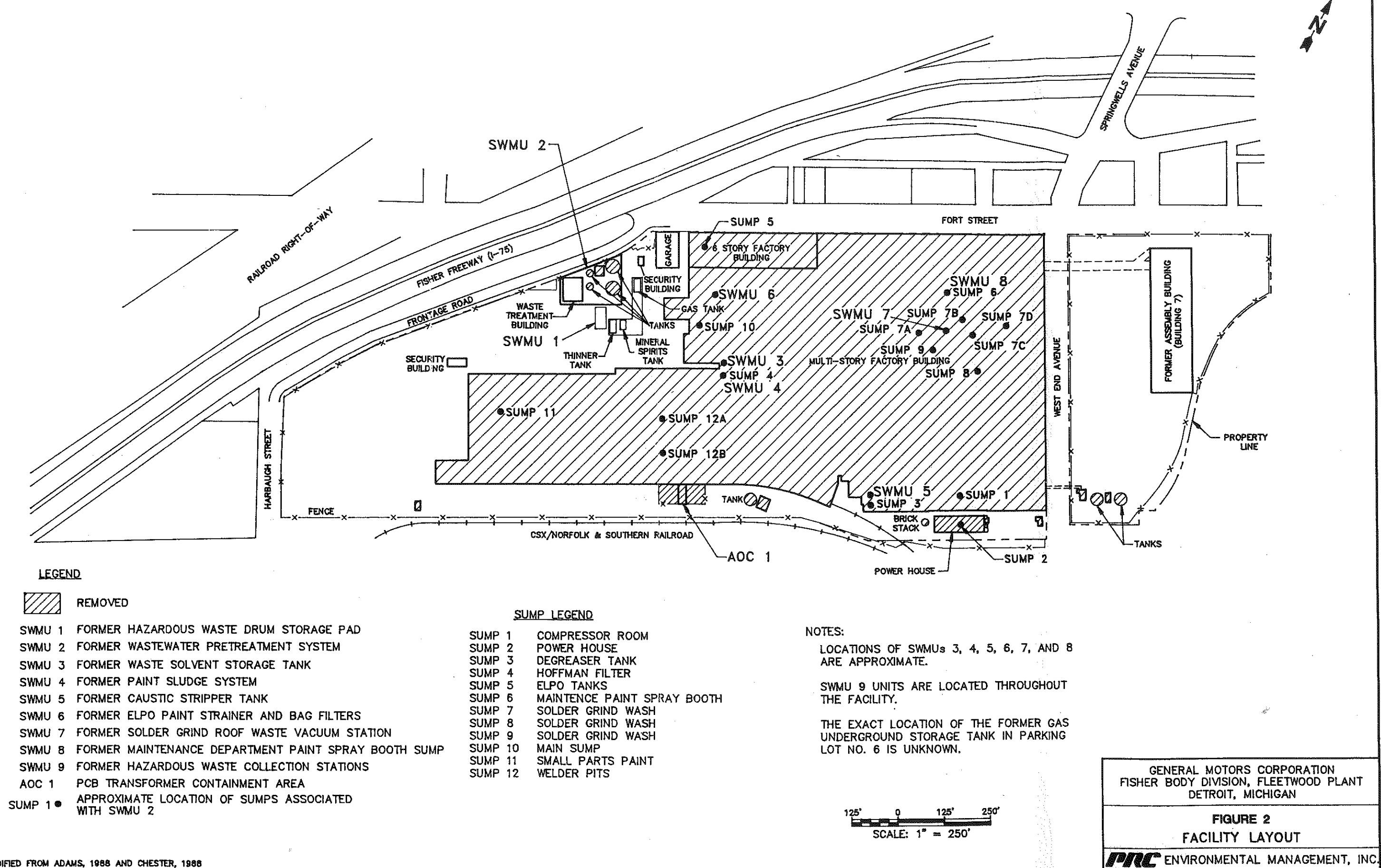
<u>Waste/EPA Waste Code<sup>a</sup></u>	<u>Source</u>	<u>Solid Waste Management Unit<sup>b</sup></u>
Waste Lacquer/(D001)	Painting Operations	1, 8, and 9
Waste Thinner/(D001)	Painting Operations	1, 3, 8, and 9
Waste Paint/(D001, D008)	Painting Operations, Facility Maintenance	1, 4, 6, 8, and 9
Waste Solvents/(D001, F002, F003, and F005)	Painting and Assembly Operations	1, 3, 8, and 9
Waste Adhesive/(D001)	Assembly Operations	1 and 9
Waste Solvent-Soiled Rags/(D001)	Assembly Operations	1 and 9
Waste Oils/(D001)	Facility Maintenance	1 and 9
Waste Caustic Stripping Compound/(D001)	Facility Maintenance	1, 5, and 9
Solder Grind Roof Waste/(D008)	Unknown	1 and 7
Wastewater Pretreatment Sludge/(F006)	Wastewater Pretreatment Operations	2
Plating Rinse Waters/(NA)	Plating	2
Nonhazardous Waste Oils/(NA)	Facility operations	Unknown
Transformer Oil/(NA)	Facility transformers	None

**Notes:**

<sup>a</sup> Not applicable (NA) indicates a nonhazardous waste.

<sup>b</sup> None indicates waste stream not managed on site.

<sup>c</sup> Unknown indicates no SWMUs associated with this waste were identified.



The body assembly operations at the facility generated waste adhesive (D001), waste solvents (D001), and solvent-soiled rags (D001). These wastes were accumulated in 55-gallon drums at various Former Hazardous Waste Collection Stations (SWMU 9) throughout the facility. The drums were then transferred to the Former Hazardous Waste Drum Storage Pad (SWMU 1) before transport to an off-site disposal facility. In 1985, GMC generated from assembly operations 8,380 gallons of waste adhesive, 12,320 gallons of waste solvent, and 18,796 pounds of solvent-soiled rags. These wastes were disposed of by Petro-Chem and Chem-Met (GMC, 1986). No information was available concerning the method of waste disposal used by these facilities.

The maintenance department generated waste paint, waste oils, and waste caustic stripping compounds all classified as D001 wastes. These wastes were accumulated in 55-gallon drums in Former Hazardous Waste Collection Stations (SWMU 9) located throughout the facility. The drums were then transferred to the Former Hazardous Waste Drum Storage Pad (SWMU 1) before transport to an off-site disposal facility. Waste caustic stripping compound was also collected in the Former Caustic Stripper Tank (SWMU 5). In 1985, GMC generated from maintenance operations 6,950 gallons of waste paint, 1,035 gallons of waste oils, and 12,900 gallons of waste caustic stripping compound. These wastes were disposed of by Petro-Chem and Chem-Met (GMC, 1986). No information was available concerning the method of waste disposal used by these facilities.

Solder grind roof waste (D008) (lead dust) was also generated at the facility. This waste was accumulated in 55-gallon drums at the Former Solder Grind Roof Waste Vacuum Station (SWMU 7). The drums were then transferred to the Former Hazardous Waste Drum Storage Pad (SWMU 1) before transport to an off-site disposal facility. The amount generated was not provided by facility representatives. This waste was taken off site by Chem-Met, A and B Terra (EPA Identification No. MID 017 167 222), and Inland Waters Pollution Control (EPA Identification No. MID 000 820 365) to Chem-Met and Wayne Disposal, Belleville, Michigan (EPA Identification No. 048 890 033). The information reviewed did not indicate the locations of the waste transporter.

GMC used the following transporters to transfer waste materials generated by their painting operations, body assembly department, and maintenance department from the GMC facility to the disposal locations: A and B Terra, Drury Brothers (MID 056 988 892), Environmental Management (MID 980 681 621), Inland Waters Pollution Control, Chem-Met, Marine Pollution (MID 049 277 718), Michigan Pumping Services, Inc. (MID 010 871 234), K & D Industrial Services (MID 072 790 710), Petro-Chem, and Quanta Corporation (MID 980 793 350). The locations of these facilities were not identified in the information reviewed (GMC, 1986; 1993a).

The facility operated the Former Wastewater Pretreatment System (SWMU 2) for the pretreatment of wastewater generated at the facility. The treated wastewater was discharged to the City of Detroit municipal sanitary sewer system. Since plating rinse waters were discharged to the treatment plant, the facility managed the wastewater pretreatment sludge as F006 waste. The wastewater pretreatment sludge, after removal from the treatment tank, was filter-press dewatered. In 1985, 109,088 gallons of wastewater pretreatment sludge were generated from wastewater pretreatment operations. The sludge was transported by Waste Management of Michigan-West (Waste Management) (MID 980 996 920) and American Waste Oil Company (EPA Identification No. MID 050 598 390) off site for disposal. Michigan Disposal of Dearborn, Michigan (MID 000 724 831), accepted 89,688 gallons of the sludge and Chem-Met received 19,400 gallons (GMC, 1986). No information was available regarding the methods of disposal used by these facilities.

Nonhazardous waste oils were also generated by the facility. No SWMUs associated with the management of these wastes were identified during the PA/VSI. These wastes were transported and disposed of by the same companies used for hazardous waste. No information was available regarding the volume of waste oils generated annually.

In January 1993, fluid from two transformers formerly located at the PCB Containment Area (AOC 1) was transported off site by Transtec Environmental, Inc. (EPA Identification No. OHD 987 012 838), to ENSR of Canton, Ohio (EPA Identification No. OHD 981 100 969) for disposal (see Attachment D). The liquid reportedly contained less than 500 parts per million PCBs (see Attachment D).

The facility's Part A permit application also included waste codes F001, F005, F008, F009, D002, and U123 (formic acid). No information about these wastes were provided by the facility.

## **2.4 HISTORY OF DOCUMENTED RELEASES**

This section discusses the history of documented releases to ground water, surface water, air, and on-site soils at the facility.

Air emissions violation notices were issued by the Wayne County Air Pollution Control Division (WCAPCD) in 1968, 1969, 1977, and 1983. The violations were related to emissions originating from the powerhouse stack and painting operations (WCAPCD, 1986). No information was available regarding corrective actions relating to emission violations.

## 2.5

## REGULATORY HISTORY

On August 18, 1980, GMC submitted a Notification of Hazardous Waste Activity identifying the facility as a generator and treatment, storage, or disposal (TSD) facility (GMC, 1980a). GMC submitted a Part A permit application on November 19, 1980 (GMC, 1980b). The Part A permit application listed the following process codes and capacities: container storage (S01) at the Former Hazardous Waste Drum Storage Pad (SWMU 1), 55,000 gallons; tank storage (S02), 15,000 gallons; tank treatment (T01), 832,000 gallons per day; and tank treatment (T04), 6,000 gallons per day. The S02, T01, and T04 process code represent parts of the facility's Former Wastewater Pretreatment System (SWMU 2). EPA waste codes and estimated quantities identified in the Part A permit application were as follows: F001, 3,410 pounds; F005, 126 tons; F006 and F018, 352 tons; F008, 93 tons; F009, 5 tons; F017, 687 tons; D001, 32 tons; D002, 12,159 pounds; and U123, 525 pounds.

EPA initially assigned the facility a temporary identification number, MIT 270 012 566. In January, 1983, a permanent identification number, MID 980 700 876, was assigned to the facility (EPA, 1982).

On July 6, 1983, GMC petitioned EPA for withdrawal of the Permit A application, and stated that the facility was not a RCRA storage facility (GMC, 1983b). The request for withdrawal of the Part A permit application was denied by EPA on September 8, 1983, because GMC could not provide enough documentation to prove that the facility had never stored hazardous waste for more than 90 days in the Former Hazardous Waste Drum Storage Pad (SWMU 1) (EPA, 1983). The July 6, 1983 request to EPA from GMC did state that the facility's treatment capacity (T01 and T04) and tank storage capacity (S02) was part of the Former Wastewater Pretreatment System (SWMU 2), and therefore not subject to regulation under RCRA. This information was never questioned by EPA. Based on the EPA denial, GMC subsequently submitted a request for a change in status from that of a TSD to that of a generator only on January 30, 1984. The request contained certification that all hazardous wastes stored for more than 90 days had been removed from the facility (GMC, 1984). A public notice of closure of the facility's container storage area was published on March 11, 1984 (EPA, 1984a). The certification and public notice served as a paperwork RCRA-closure for SWMU 1. Closure approval was granted by EPA in 1984, reclassifying the facility only as a generator of hazardous waste, accumulating waste for on-site storage for periods of less than 90 days (EPA, 1984b). Although MDNR inspected the facility in March 1983 as a TSD facility, it should be noted that MDNR does not consider this facility a former TSD that attained interim status (MDNR, 1983a; PRC, 1992 and 1993a). MDNR granted GMC withdrawal of their Part A permit application; however,



MDNR was not authorized to implement the RCRA program when the withdrawal was granted (PRC, 1992 and 1993a).

On April 12, 1983, the facility was notified of its failure to properly complete a waste disposal manifest (MDNR, 1983b). GMC reissued a properly completed manifest on April 25, 1983 (GMC, 1983a).

The facility operated the Former Wastewater Pretreatment System (SWMU 2) for the treatment of wastewater generated at the facility. Treated wastewater was discharged to the City of Detroit municipal sanitary sewer system. The wastewater pretreatment sludge (F006) was removed from the treatment tank, filtered-press dewatered, and transported by Waste Management to Michigan Disposal and Chem-Met. Current facility representatives could not provide any information regarding permits held by the facility while it was in operation.

The facility obtained numerous air emissions certificates for various plant operations from WCAPCD. Permitted operations for air emissions from the plant included paint and lacquer spray booths, welding and brazing exhaust, and boiler operations (WCAPCD, 1986).

On October 28, 1987, General Motors Corporation was served with a Consent and Final Order stating that several of its assembly plants, including the GMC - Fleetwood Plant facility, had not fully complied with the terms of various orders of the Michigan Air Pollution Control Commission relating to the emission of volatile organic compounds from painting operations. GMC complied with the Consent Order by agreeing to close the entire facility by December 31, 1987 (GMC, 1987).

No water discharge violations or CERCLA activities have been documented at this location.

The facility ceased operations on December 22, 1987. In December 1988, the facility was purchased by Fort Street Properties, Inc., with the intention of demolishing the existing structures and redeveloping the property. Documents obtained from the WCAPCD referred to asbestos removal from pipes and boilers prior to demolition of the buildings. Facility representatives stated during the VSI that all asbestos was removed before the buildings were demolished.

## **2.6 ENVIRONMENTAL SETTING**

This section describes the climate; flood plain and surface water; geology and soils; and ground water in the vicinity of the facility.

### **2.6.1 Climate**

The climate in Wayne County is influenced by nearby Lake St. Clair. The average daily temperatures range from a high of 83.1 degrees Fahrenheit (°F) in July to a low of 16.1 °F in January. The average daily temperature is 48.5 °F (NOAA, 1989).

Weather in the vicinity of Wayne County is controlled by major storm tracks and the influence of the Great Lakes. The Great Lakes act to mitigate most climatic extremes. Summer storms usually pass to the north and are often associated with brief showers and sometimes thunder showers with high winds (PRC, 1990).

The total annual precipitation is 30 inches (USDC 1968). The mean annual lake evaporation for the area is about 30 inches (USDC, 1968). The 1-year, 24-hour maximum rainfall is about 2 inches (USDC, 1963). The prevailing wind in the area is from the southwest and has an average wind speed of 10.3 miles per hour (NOAA, 1989).

Due to the topography of the area, the moist northwest air dries before reaching the Wayne County area. For example, the summer showers commonly coming from the northwest often dissipate before reaching the area. The winter northwesterly winds bring snow to all of Michigan, but snow rarely accumulates to measurable depths in the Wayne County area (PRC, 1990).

### **2.6.2 Flood Plain and Surface Water**

The nearest surface water body is the Rouge River, which is located about 0.5 mile southeast of the facility. The Rouge River empties into the Detroit River about 1 mile southeast of the facility. Baby Creek is also located 0.75 mile west of the facility. This creek empties into the Rouge River about 1.0 mile southwest of the facility. All of the surface water bodies are used for recreational and industrial purposes; however, the locations of industrial water intakes were not identified during the VSI. Water for the City of Detroit comes from the Detroit River north of the metropolitan area, greater than 3 miles north of the facility. The facility is not located within a 100- or 500-year flood plain (Adams, 1988).

Storm water runoff from the facility flows into the storm sewer system. The location of the storm water discharge for storm water runoff from the facility was not identified during the VSI, but ultimately flows into the Detroit River.

### **2.6.3 Geology and Soils**

The facility property is covered almost entirely by concrete and asphalt. Surface soils in the area are composed of fill material, although some areas of sandy or silty material may exist. No facility-specific geological information is available. The following paragraphs summarize regional geological information.

The surface geology of the Detroit area is characterized by a mosaic of glacial and organics deposits. Present land forms are the result of Pleistocene Epoch glaciation and subsequent deposition and erosion. These land forms consist primarily of materials deposited during the Cary substage of the Wisconsin Glacial stage; however, the hardpan encountered just above the bedrock in the downtown Detroit area occupies part of an ancient glacial lake bed of gently sloping to nearly flat terrain that has been incised by presently flowing rivers and streams. Glacial deposits over bedrock range in thickness from 120 to 200 feet in this area. These deposits consist mainly of layers of glacial till of varying thickness and a thick sequence of lacustrine clays and silts. The lacustrine clay and silt layer is locally called blue clay, and is approximately 90 feet thick (GMC, 1993a).

The bedrock of Detroit consists of approximately 850 feet of consolidated and cemented Middle Devonian limestone from the Paleozoic era. This Michigan basin structural feature underlies all of Michigan and portions of neighboring states. Within the structural basin, the sedimentary rocks dip at an angle of less than 1 degree toward the center of the basin, which is located beneath the central portion of the southern peninsula (Mozola, 1969).

### **2.6.4 Ground Water**

Ground water in the area is found at approximately 40 feet beneath ground surface and generally flows toward the Detroit River. However, because the Detroit area is located on a glacial lake plain that is comprised primarily of silts and clays, the area is not favorable for the development of wells of moderate-to-large yields. Storage capacities are limited and well failures can be expected during prolonged droughts (USGS, 1989). Although the lake plain has a high frequency of dry holes, small domestic ground water supplies within intermittent zones have a relatively greater permeability than the surrounding clay and silt deposits. These intermittent zones occur under confined conditions and both flowing and non-flowing wells can be expected.

Southeast of the junction of the lake plain with the glacial moraines, moving toward the Detroit River, the frequency of occurrence, thickness, and extent of these confined ground-water bearing zones decreases (GMC, 1993a).

Although the silt and clay deposits have a limited ability to yield usable-quality water, the quality of the shallow ground water is usually soft and potable unless contaminated by man. In the aforementioned intermittent zones, mineralization increases with depth. Additionally, the quality of water from deep confined zones is often impaired by chloride, hydrogen sulfide, and methane gas (Mozola, 1969). No ground-water wells have been identified within 3 miles of the facility.

## **2.7 RECEPTORS**

The facility is bordered on the north by Springwell Avenue and the Detroit Produce Company and on the northeast by a Norfolk and Western Railroad switching yard. Beyond the switching yard is a mixed-use area. Businesses to the southeast include Meridian Environmental Services, MPC Environmental Services, and McGutherie Lumber. The facility is bordered on the southwest by vacant lots and on the northwest by Interstate 75 and West Fort Street. The area west of West Fort Street is comprised of vacant lots and businesses, which include Metro Automotive Muffler and a Marathon Oil service station. Some of the vacant lots are former parking lot areas for the facility. The facility is fenced and is monitored by a security guard 24 hours a day. The nearest schools are Southwestern High School and Higgins School, located about 0.25 mile to the northeast and west of the facility, respectively.

No ground-water wells have been identified within 3 miles of the facility. Water for the City of Detroit comes from the Detroit River north of the metropolitan area, greater than 3 miles north of the facility. The nearest surface water body is the Rouge River, which is located about 0.5 mile southeast of the facility. The Rouge River empties into the Detroit River approximately one mile southeast of the facility. Baby Creek is also located 0.75 mile west of the facility. This creek empties into the Rouge River at about 1.0 mile southwest of the facility. All of the surface water bodies are used for recreational and industrial purposes; however, the locations of industrial water intakes were not identified during the VSI.

No sensitive environments, such as critical wildlife habitats or wetlands, were identified within 2 miles of the facility. The nearest public park is the General George Patton Memorial Park, which is located about 1.25 miles northwest of the facility. The metropolitan Detroit area has a population of over 1 million people.

### 3.0 SOLID WASTE MANAGEMENT UNITS

This section describes the nine SWMUs identified during the PA/VSI. The following information is presented for each SWMU: description of the unit, dates of operation, wastes managed, release controls, history of documented releases, and PRC's observations. Figure 2 shows the SWMU locations.

#### **SWMU 1**

#### **Former Hazardous Waste Drum Storage Pad**

##### **Unit Description:**

This unit was an outdoor roofed, concrete, curbed area approximately 26 feet by 52 feet, located in the Salvage Yard. Hazardous wastes generated throughout the facility were collected in 55-gallon drums and brought to this area for storage before being taken off-site for treatment and disposal. The area had a capacity of about 100 drums.

##### **Date of Startup:**

According to facility representatives, this area was constructed in late 1982 or early 1983 (GMC, 1993b). However, this unit was included on the facility's Part A application in 1980. No further information was available.

##### **Date of Closure:**

The facility stopped using this unit for waste storage when the facility ceased operation in 1987. A review of the facility's hazardous waste manifests indicates that waste material was shipped off site until at least June 1988. The unit underwent RCRA closure in 1984. Decommissioning activities in June 1988 included high-pressure water blasting and analysis of the final rinsate for hazardous constituents.

##### **Wastes Managed:**

This unit was used to store hazardous wastes generated throughout the facility. These included waste paint (D001 and D008), solder grind roof waste (D008), and the following wastes characterized as hazardous because of ignitability (D001): waste lacquer, waste thinner, waste adhesive, waste solvents, waste solvent-soiled rags, waste oils, and waste caustic stripping compound. The facility's Part A permit application also included waste codes F001, F005, F008, F009, D002, and U123 (formic acid). No information about these wastes was provided by the facility.



**Release Controls:** This unit was an outdoor, concrete, curbed area located southeast of the Former Wastewater Pretreatment System (SWMU 2) building.

**History of Documented Releases:** There have been no documented releases from this unit.

**Observations:** This area was not discernable from the surrounding area because of ongoing demolition activities and snow on the ground. This unit is located southeast of the SWMU 2 building. The inspection team did not note any evidence of a release in this area during the VSI. The area was covered by 2 to 3 inches of snow at the time of the VSI.

## **SWMU 2                      Former Wastewater Pretreatment System**

**Unit Description:** This unit consisted of a sump collection system leading to a wastewater pretreatment system. The sump system consisted of 12 different sumps. The approximate locations of these sumps are shown on Figure 2. The sumps led to a wastewater pretreatment system located in a 95- by 190-foot area in the Salvage Yard and wastewater pretreatment building. The system consisted of two 200,000-gallon treatment tanks, two 32,000-gallon sludge thickener tanks, two 3,000-gallon sludge conditioner tanks, a vacuum sludge filter unit, a sludge holding and shipping box, and a final sand filter. All of the system's components were constructed of steel.

**Date of Startup:** The system began operation in 1972.

**Date of Closure:** This unit ceased operation when the facility closed in 1987. The system was decommissioned, which included scraping, water blasting, and residue disposal, in July 1988.

**Wastes Managed:** This system was used to pretreat facility wastewater, including plating rinse waters. This operation resulted in the generation of hazardous waste plating sludge (F006). The facility's Part A permit application also indicated that of F008 and F009 wastes, associated with cyanide plating operations, were generated. No information

was provided by the facility regarding the unit's generation of these wastes.

**Release Controls:**

The wastewater pretreatment system consisted of numerous above- and below ground tanks, sumps, and underground piping. The aboveground tanks were located in concrete paved areas; however, no secondary containment was provided for the underground tanks, sumps, or piping.

**History of  
Documented Releases:**

There have been no documented releases from this unit.

**Observations:**

Most of the piping and aboveground tanks have been removed; however, several of the underground tanks, sumps, and piping raceways are still in place (see Photographs No. 7 and 8). Standing liquid was observed in the raceways and concrete sumps that were open inside the pretreatment system building.

**SWMU 3**

**Former Waste Solvent Storage Tank**

**Unit Description:**

This unit was located indoors at the west end of Building 5 on the first floor. The steel tank was 9- by 9- by 18 feet in size with a capacity of 6,000 gallons.

**Date of Startup:**

Facility representatives could not determine the date this unit began operating.

**Date of Closure:**

This unit was decommissioned in May 1988.

**Wastes Managed:**

This unit was used to store waste thinner (D001) and waste solvents (D001, F002, F003, and F005). No information regarding the disposition of wastes stored in this tank could be provided by the facility.

**Release Controls:**

This unit was located inside the building on a concrete floor. Sumps within the facility led to the Former Wastewater Pretreatment System (SWMU 2).

History of  
Documented Releases: There have been no documented releases from this unit.

Observations: This unit was not observed during the VSI. The tank was decommissioned and removed in May 1988, and the building was demolished.

**SWMU 4                      Former Paint Sludge System**

Unit Description: This unit was located at the west end of Building 5 on the first floor. It consisted of a 9- by 30- by 5-foot-high Hoffman Filter, a Flyte sludge conveyor, a 21- by 90- by 12-foot-deep Hoffman sludge tank (168,000 gallons), four 3-foot-diameter roto-strainers, and a 9- by 24- by 6-foot-deep roto-strainer sludge tank. All of the tanks were made of steel.

Date of Startup: Facility representatives could not determine the date this unit began operating.

Date of Closure: This unit was decommissioned in July 1988.

Wastes Managed: This unit was used to handle waste paint (D001 and D008).

Release Controls: This unit was located on a concrete floor and surrounded by concrete curbs. The unit was located indoors. Sumps within the building led to the Former Wastewater Pretreatment System (SWMU 2).

History of  
Documented Releases: There have been no documented releases from this unit.

Observations: This unit was not observed during the VSI. This unit was decommissioned in July 1988, and the building was demolished.

**SWMU 5****Former Caustic Stripper Tank**

**Unit Description:** This unit was located at the south end of Building 1-A on the first floor, and consisted of a 10- by 40- by 4-foot-deep (11,800-gallon) steel tank.

**Date of Startup:** Facility representatives could not determine the date this unit began operating.

**Date of Closure:** This unit was decommissioned in May 1988.

**Wastes Managed:** This unit was used to store waste caustic stripping compound (D001).

**Release Controls:** This unit was located on a concrete floor inside Building 1-A. It was surrounded by concrete curbs, trenches, and sumps.

**History of Documented Releases:** There have been no documented releases from this unit.

**Observations:** This unit was not observed during the VSI. It was decommissioned in May 1988, and the building was demolished.

**SWMU 6****Former ELPO Paint Strainers and Bag Filters**

**Unit Description:** This unit was located in Building 5 on the third floor near column G5. It consisted of two paint strainers that were 15 feet long and 18 feet in diameter and three bag filters. The unit was made of steel.

**Date of Startup:** The date this unit began operating could not be determined by facility representatives.

**Date of Closure:** This unit was decommissioned in June 1988.

**Wastes Managed:** This unit was used to handle waste paint (D001 and D008). No information regarding the disposition of this waste was provided by facility representatives.

**Release Controls:** This unit was located indoors on a concrete floor. It was surrounded by concrete curbs, trenches, and sumps.

**History of Documented Releases:** There have been no documented releases from this unit.

**Observations:** This unit was not observed during the VSI. It was decommissioned in June 1988, and the building was subsequently demolished.

**SWMU 7                      Former Solder Grind Roof Waste Vacuum Station**

**Unit Description:** This unit was located in Building 3 on the first floor near column H26. It consisted of a 10- by 10-foot area containing two 55-gallon drums used to collect solder grind roof waste from two high efficiency particulate absolute (HEPA) filters.

**Date of Startup:** The date this unit began operating could not be determined by facility representatives.

**Date of Closure:** This unit was decommissioned in May 1988.

**Wastes Managed:** This unit was used to collect solder grind roof waste (D008) (lead dust).

**Release Controls:** This unit was located indoors on a concrete floor. Sumps within the building led to the Former Wastewater Pretreatment System (SWMU 2).

**History of Documented Releases:** There have been no documented releases from this unit.

**Observations:** This unit was not observed during the VSI. It was decommissioned in May 1988, and the building was subsequently demolished.



**SWMU 8****Former Maintenance Department Paint Spray Booth Sump****Unit Description:**

This unit was located in Building 4A on the first floor near column F15. The 3- by 3- by 5-foot-deep (330-gallon) concrete sump was used to collect waste lacquer (D001), waste thinner (D001), waste paint (D001 and D008), and waste solvents (D001, F002, F003, and F005) from the paint spray booth.

**Date of Startup:**

The date this unit began operation could not be determined by facility representatives.

**Date of Closure:**

This unit was decommissioned in June 1988.

**Wastes Managed:**

This unit was used to collect waste lacquer (D001), waste thinner (D001), waste paint (D001 and D008), and waste solvents (D001, F002, F003, and F005) from the paint spray booth. Information regarding the disposition of these wastes was not provided by the facility.

**Release Controls:**

This concrete unit was located indoors. Other sumps within the facility led to the Former Wastewater Pretreatment System (SWMU 2).

**History of  
Documented Releases:**

There have been no documented releases from this unit.

**Observations:**

This unit was not observed during the VSI. It was decommissioned in June 1988, and the building was subsequently demolished.

**SWMU 9****Former Hazardous Waste Collection Stations****Unit Description:**

A total of 22 former hazardous waste collection stations were identified by the facility during the PA/VSI process. Each of these stations was a 55-gallon drum used to collect various hazardous waste materials. A list of the collection stations, their locations, and the most common waste materials collected is included in Attachment E.

**Date of Startup:** The dates when these units began operating could not be determined by facility representatives.

**Date of Closure:** The dates when these units were decommissioned were not provided by the facility. Operations at the facility ceased in 1987.

**Wastes Managed:** These units were used to collect a variety of hazardous wastes, including waste lacquer (D001), waste thinner (D001), waste paint (D001 and D008), waste solvents (D001, F002, F003, and F005), waste adhesive (D001), waste solvent-soiled rags (D001), waste oils (D001), and waste caustic stripping compound (D001). The wastes collected at these stations were taken to the Former Hazardous Waste Drum Storage Pad (SWMU 1) for eventual off-site disposal.

**Release Controls:** All of these units were located indoors on concrete floors. Sumps within the building drained to the Former Wastewater Pretreatment System (SWMU 2).

**History of Documented Releases:** There have been no documented releases from these units.

**Observations:** The collection stations were not observed during the VSI. The drums have been removed, and the buildings have been demolished.

#### 4.0 AREAS OF CONCERN

PRC identified one AOC during the PA/VSI. This AOC is discussed below; its location is shown on Figure 2.

##### **AOC 1      PCB Transformer Containment Area**

This concrete containment dike was located outside the former manufacturing building, and was used as an emergency containment dike for two transformers (in use until the facility buildings were demolished), each containing approximately 500-gallons of transformer oil (less than 500 parts per million PCBs). The containment dike is approximately 10 feet by 30 feet in size and approximately 2 feet deep. The area was covered with plywood and a polyethylene liner at the time of the VSI (see Photograph No. 9). Facility representatives stated that the material collected in the area noted during the VSI was rain water and organic debris. No leaks from the transformers were identified during the removal. Facility representatives stated that the transformers were removed on January 12, 1993. Information regarding the removal of the transformers is included in Attachment D. Samples of sludge, liquid, and a side scraping were collected at the time of the transformer removal to determine the proper disposal method for the material remaining in the containment area. These results are not yet available.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

The PA/VSI identified nine SWMUs and one AOC at the GMC facility. Background information on the facility's location; operations; waste generating processes and waste management practices; history of documented releases; regulatory history; environmental setting; and receptors is presented in Section 2.0. SWMU-specific information, such as the unit's description, dates of operation, wastes managed, release controls, history of documented releases, and observed condition, is presented in Section 3.0. The AOC is discussed in Section 4.0. Following are PRC's conclusions and recommendations for each SWMU and AOC. Table 3, at the end of this section, summarizes the SWMUs and AOC at the facility and the recommended further actions.

### **SWMU 1                      Former Hazardous Waste Drum Storage Pad**

**Conclusions:**                      This unit was an outdoor, concrete area used for storage of hazardous wastes; however, wastes are no longer generated at the facility. There have been no documented releases from this unit, and no evidence of a release was observed during the VSI. The potential for a release to ground water, surface water, air, and on-site soils is therefore low.

**Recommendations:**              No further action.

### **SWMU 2                      Former Wastewater Pretreatment System**

**Conclusions:**                      This unit was used to treat wastewater generated by the facility prior to its discharge to the sanitary sewer. The facility is no longer active, and most of the pretreatment system has been dismantled and removed. Some liquid was observed in concrete raceways and sumps that were open. The potential for a release to ground water, surface water, air, and on-site soils is low.

**Recommendations:**              The facility should characterize liquid observed in raceways and sumps, and properly remove and dispose of the liquid before completing the demolition of these areas.

RELEASED  
DATE 2/2/01  
RIN #           
INITIALS WV

### **SWMUs 3 through 9**

**Conclusions:** None of these SWMUs were observed during the VSI because all of these units were decommissioned and removed in either 1987 or 1988. The buildings where these units were located have subsequently been demolished. The potential for release to ground water, surface water, air, and on-site soils is low because these units no longer exist. Facility representatives provided information documenting the cleaning and decommissioning of each of the units. According to this documentation, there have been no documented releases from any of these units.

**Recommendations:** PRC recommends no further action for these units at this time.

### **AOC 1                      PCB Transformer Containment Area**

**Conclusions:** This unit was a secondary containment structure for two PCB transformers. The transformer oil contained less than 500 parts per million PCBs. There is no evidence of any leaks from the transformers; and facility representatives stated that the material in the containment area was primarily rain water and organic debris. However, liquid accumulated in this concrete containment area has been sampled by the facility to determine if it contains any contaminants. The potential for release to ground water, surface water, air, and on-site soils is low.

**Recommendations:** The facility should complete the characterization of the liquid material in the containment area and properly remove and dispose of the liquid and containment structure.

RELEASED

DATE

RIN #

INITIALS

ENFORCEMENT  
CONFIDENTIAL



TABLE 3  
SWMU AND AOC SUMMARY

SWMU	Dates of Operation	Evidence of Release	Recommended Further Action
1. Former Hazardous Waste Drum Storage Pad	Late 1982 or early 1983 to 1987	None	None
2. Former Wastewater Pretreatment System	Unknown to 1987	Unknown liquids in pits and raceways located in the wastewater treatment building	Characterize contents of raceways and sumps, properly remove and dispose of before completing demolition activities
3. Former Waste Solvent Storage Tank	Unknown to May 1988	None	None
4. Former Paint Sludge System	Unknown to July 1988	None	None
5. Former Caustic Stripper Tank	Unknown to May 1988	None	None
6. Former ELPO Paint Strainers and Bag Filters	Unknown to June 1988	None	None
7. Former Solder Grind Roof Waste Vacuum Station	Unknown to March 1988	None	None
8. Former Maintenance Department Paint Spray Booth Sump	Unknown to June 1988	None	None
9. Former Hazardous Waste Collection Stations	Unknown to 1987 or 1988	None	None
AOC	Dates of Operation	Evidence of Release	Recommended Further Action
1. PCB Transformer Containment Area	Unknown to present	None	Complete characterization of liquid material; properly remove and dispose of containment structure

RELEASED  
DATE \_\_\_\_\_  
RIN # \_\_\_\_\_  
INITIALS \_\_\_\_\_

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- PRC, 1993b. Telephone Conversation between Tim Oliver, PRC, and Beatrice Roehr, GMC Legal Staff, March 11.
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**ATTACHMENT A**  
**EPA PRELIMINARY ASSESSMENT FORM 2070-12**



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE MI 02 SITE NUMBER MTD 980 700 876

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)  
General Motors Corporation, Fisher Body Division,  
Fleetwood Plant

02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER  
West Fort Street and West End Avenue

03 CITY  
Detroit

04 STATE  
MI

05 ZIP CODE  
48209

06 COUNTY  
Wayne

07 COUNTY CODE

08 CONG DIST

09 COORDINATES: LATITUDE 42° 17' 50" N LONGITUDE 83° 07' 30" W

10 DIRECTIONS TO SITE (Starting from nearest public road)

III. RESPONSIBLE PARTIES

01 OWNER (if known)  
Fort Street Properties, Inc.

02 STREET (Business, mailing residential)  
19550 Harper Avenue

03 CITY  
Harper Woods

04 STATE  
MI

05 ZIP CODE  
48225

06 TELEPHONE NUMBER  
(313) 884-1600

07 OPERATOR (if known and different from owner)  
No current operator

08 STREET (Business, mailing, residential)

09 CITY

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

13 TYPE OF OWNERSHIP (Check one)

- ☒ A. PRIVATE ☐ B. FEDERAL: \_\_\_\_\_ ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL  
(Agency Name)  
☐ F. OTHER \_\_\_\_\_ ☐ G. UNKNOWN  
(Specify)

14. OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

- ☒ A. RCRA 3010 DATE RECEIVED: 08 / 18 / 80 ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / / ☐ C. NONE  
MONTH DAY YEAR MONTH DAY YEAR

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

BY (Check all that apply)

- ☒ YES DATE 01 / 20 / 93 ☐ A. EPA ☒ B. EPA CONTRACTOR ☐ C. STATE ☐ D. OTHER CONTRACTOR  
☐ NO ☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: \_\_\_\_\_  
(Specify)

CONTRACTOR NAME(S): PRC Environmental Management, Inc. (PRC)

02 SITE STATUS (Check one)

- ☐ A. ACTIVE ☒ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION

Unknown 1 1997 ☐ UNKNOWN  
BEGINNING YEAR ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Lead from waste paint (D008), waste plating sludge (F006), waste thinner (D001), and PCBs (less than 500ppm)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

This facility is closed and all structures have or will be demolished. Material remaining in Wastewater Pretreatment System tanks and PCB Transformer Containment Area need to be investigated. The disposition and condition of three underground storage tanks at the facility are unknown.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents.)

- ☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time-available basis) ☐ D. NONE (No further action needed; complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT  
Kevin Pierard

02 OF (Agency/Organization)  
U.S. EPA

03 TELEPHONE NUMBER  
(312) 886-4448

04 PERSON RESPONSIBLE FOR ASSESSMENT  
Tim Oliver

05 AGENCY

06 ORGANIZATION  
PRC

07 TELEPHONE NUMBER  
(615) 256-1191

08 DATE  
02 / 20 / 93  
MONTH DAY YEAR



**ATTACHMENT B**  
**VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS**

## VISUAL SITE INSPECTION SUMMARY

Former  
General Motors Corporation  
Fisher Body Division, Fleetwood Plant  
Detroit, Michigan  
MID 980 700 876

Date: January 19, 1993

Primary Facility Representative: Warner Johnson, Field Operations Manager  
Representative Telephone No.: (313) 884-1600

Additional Facility Representatives: Terrance Conway, General Motors Legal Staff  
(313) 974-1154  
Tom Vigliotti, Fort Street Properties, Inc. (Current property owner representative, not present at inspection)  
(313) 567-4480

Inspection Team: Tim Oliver, PRC Environmental Management, Inc. (PRC)  
Randy Futrell, PRC

Photographer: Tim Oliver, PRC

Weather Conditions: Cold, sunny, about 20 degrees Fahrenheit, 2 to 3 inches of snow and ice on the ground

Summary of Activities: The visual site inspection (VSI) began at 1:50 p.m. with an introductory meeting. The inspection team explained the purpose of the VSI and the agenda for the visit. Facility representatives then discussed the facility's past and current operations. Facility representatives provided the inspection team with copies of available information.

The VSI tour began at 2:08 p.m. at the Former Wastewater Pretreatment System (SWMU 2) building. No information was available at the time of the VSI on the location of the Former RCRA Container Storage Area (SWMU 1); however, the inspection team and facility representatives made a complete tour of the property, including a stop at the PCB Transformer Containment Area (AOC 1). Most of the site is currently covered in large piles of rubble. The parts of the facility not covered in rubble appeared to be mostly concrete and asphalt; however, these areas were largely obscured by the 2 to 3 inches of snow on the ground. No evidence of any release was noted outside the SWMUS or AOC.

The group then left the main section of the facility to inspect Building 7. This two-floor building was empty.

The tour concluded at 2:50 p.m., and arrangements were made to obtain additional information, and the VSI was completed. The inspection team then left the facility at 3:00 p.m.



Photograph No. 1

Orientation: Northwest

Description: View of empty lot and demolition debris remaining at the facility.

Location: Eastern Fenceline

Date: 01/19/93



Photograph No. 2

Orientation: West Northwest

Description: View of empty lot and demolition debris at the facility.

Location: Eastern Fenceline

Date: 01/19/93



Photograph No. 3

Orientation: West

Description: View of empty lot and demolition debris at the facility.

Location: Eastern Fenceline

Date: 01/19/93



Photograph No. 4

Orientation: Southwest

Description: View of empty lot and demolition debris at the facility.

Location: Eastern Fenceline

Date: 01/19/93





Photograph No. 5  
 Orientation: Northwest  
 Description: Demolition debris left at the facility.

Location: Entrance Area  
 Date: 01/19/93



Photograph No. 6  
 Orientation: North Northwest  
 Description: Demolition debris remaining at the facility.

Location: Entrance Area  
 Date: 01/19/93



Photograph No. 7

Orientation: West

Description: Inside Former Wastewater Pretreatment System building. Note open pits and raceways in the floor.

Location: SWMU 2

Date: 01/19/93



Photograph No. 8

Orientation: South Southeast

Description: Filled tanks in the floor of the Former Wastewater Pretreatment System building.

Location: SWMU 2

Date: 01/19/93





Photograph No. 9

Orientation: South Southwest

Description: PCB Transformer Containment Area covered by plywood and polyethylene liner.

Location: AOC 1

Date: 01/19/93

**ATTACHMENT C**  
**VISUAL SITE INSPECTION FIELD NOTES**

Field Logbook No. NV-0002 Date 11/1/02

Project No. 009105087m240

Project Name	General Motors Corp. High-Rock Road
--------------	-------------------------------------

1350	On 5. to		
GMC	light -	Body Fleetwood	
5010	December - 20, 1968		
Digest	Put up in 100 lb.		
Meet w/	Terry Conway - GMC		
	Warner - Johnson - JC		
	Mr. New Coast Co.		
	and still looking for		
	location information		
was	BOC		
	IFG		
	Fleetwood		
	→ Tank / Cont - 501 + 502		
	+ WWP to see this.		
	Mr. Johnson said they removed		
	a 10 drums / tanks / 4 skates		
	before he got here.		
	Trans forms were		

224102 1/19/93

Field Logbook No. NV-0002 Date 1/19/93

Project No.

Project Name:

removed on 11/12/83  
 were stored in an area  
 we will look at.  
 PCBs < 500 ppm.  
 GIM requests that we need  
 to send them copies of  
 the photos.  
 1308 in the WWT# building  
 to system - left - in building  
 but still undergoing  
 tanks with sludge in  
 them - who knows  
 where they go.  
 Photo 1 - WSD in WWT#  
 2 - S&E in WWT#  
 3 - W SD 1  
 identical  
 1/19/83

29

## DATA

Field Logbook No. **NV-0000**

**Project No.**

**Project No.**

Project Name

**Project Name**

Healthy of 100 ways  
 around 100. 1015.  
 above to old franchise-  
 area - approx 500 sq ft  
 one concrete cited  
 area. LUS says they  
 check with - 15/10/93  
 sight seeing sample  
 when the tank is water  
 removed to see with  
 with photo 155E  
 photos 5-8 rubble para  
 and 10 too  
 1337 AT Bldg 7 Dark  
 Empty Nothing  
 1350 Finish in spectrum  
 O ffsite  
 1/19/93

2

১৫

A piece of graph paper with a grid. A diagonal line runs from the top-left to the bottom-right. There are several handwritten scribbles and marks on the paper, including a large 'X' shape in the center, some illegible text, and various lines and dots scattered across the grid.

103 - 30.00  
104 - 40.00  
105 - 40.00  
106 - 20.00  
107 - 7.00  
108 - 5.00  
109 - 96.00  
110 - 96.00  
111 - 96.00  
112 - 96.00

## CONTENTS

Field Logbook No. NV-0004

Name \_\_\_\_\_ Location \_\_\_\_\_

(Continued from previous page)

Project	Notes Taken	Last Page Used
No.	Date	
Name	Name	
No.	Date	
Name	Name	
No.	Date	
Name	Name	
No.	Date	
Name	Name	
No.	Date	
Name	Name	

Field Logbook No. NV-0004 Date 1-19-93

Project No. 009-C03087

Project Name General Motors - Fleetwood

Location: Fort and West end Detroit MI  
Weather: Sunny and cool 20°F 2-3" inc.  
Present: Randy Furell, PRC  
Tim Oliver, PRC  
Warner Johnson, Current owner Rep.  
Terry Conway - GM Rep.  
1:50 pm Arrived on-site  
12/20/88: Facility Sold  
- Filed for Part A  
- but "new" stored for 90 days and Part A withdrawn.  
- facility has been in several divisions of GM  
- Water treatment plant building is still intact - all equipment was removed.  
- 220 transformers have been removed.

Randy Furell



103 - 30.00  
104 - 40.00  
105 - 40.00  
106 - 20.00  
107 - 7.00  
108 - 5.00  
109 - 96.00  
110 - 96.00  
111 - 96.00  
112 - 96.00

Field Logbook No. NV-0004 Date 1-19-93  
Project No. 009-C05087  
Project Name General Motor - PA/VST

- Transformers contained PCB's and will be properly disposed of.
- Waste water treatment bldg empty - concrete floor
- Fabricate sheet metal
- floor drains in floor did not seem to be sealed
- piping from building to outside above-ground tanks
- no tanks on-site now
- curved concrete area behind waste water treatment building, may have been drum storage area?
- no drums observed in area in outside curbed area

Randy Fuhell

Field Logbook No. NV-0004 Date 1-19-93  
Project No. 009-C05087  
Project Name General Motor - PA/VST

- transformer pit, transformers removed (2 transformers) pit now covered w/ plastic until water in pits can be analyzed before filling the pit. Samples of sludge & water have been submitted for analysis  $\approx 10' \text{ by } 30' \text{ (size)}$
- drains to sewer still on site (outside)
- Building 7 - still intact north of <sup>West End</sup> Green street
- no panels to building
- 2 floors
- continuous floor drains
- nothing in rear of building

Randy Fuhell

02 - 62.00K  
03 - 30.00K  
04 - 40.00K  
05 - 40.00K  
06 - 20.00K  
07 - 7.00K  
08 - 5.00K  
09 - 96.00K  
A - 96.00  
E - 96.00  
C - 96.00

Logbook No. NV-0004 Date 1-19-93

Project No. 009-005087

Project Name General Motors - US

Building 7 was empty.

2:50 left site

- Warren Johnson was employed to demolish the facility and knew nothing of past operation

- Terry Conway worked for the legal division and knew very little of past operation, but offered to supply me with any necessary information.

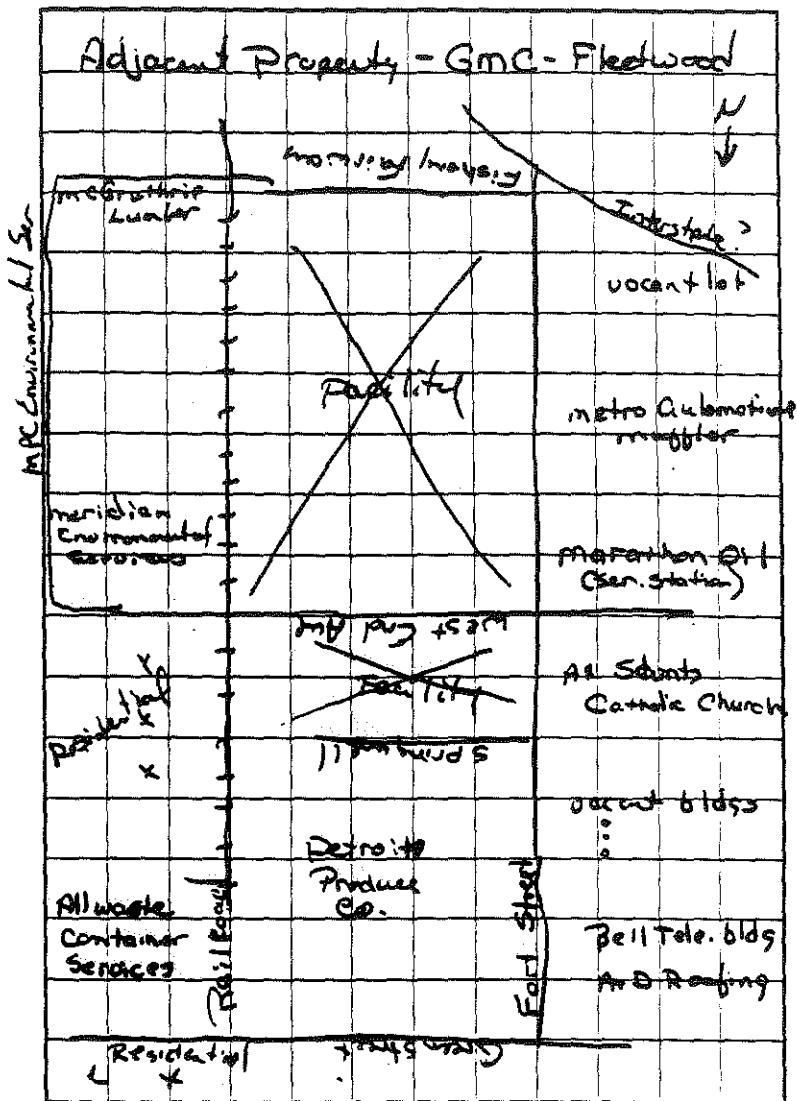
- most buildings of the facility has already torn-down. With exception of Transformer Pit & Water treatment building no visible evidence was available of facility operations

Randy Fubell

Field Logbook No. NV-0004 Date 1-19-93

Project No. 009-005087

Project Name General Motor - VSE



**ATTACHMENT D**  
**PCB TRANSFORMER DISPOSAL INFORMATION**

FORT STREET PROPERTIES, INC.  
19550 HARPER AVENUE  
HARPER WOODS, MI 48225  
(313) 884-1600 - (313) 884-3425 FAX

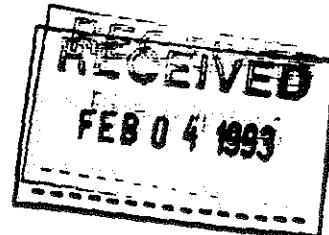
## LETTER OF TRANSMITTAL

TO: PRC ENVIRONMENTAL MANAGEMENT, INC.  
WASHINGTON SQUARE  
214 SECOND AVENUE NORTH, SUITE 200  
NASHVILLE, TN 37201

DATE: FEBRUARY 2, 1993  
ATTN: TIMOTHY J. OLIVER  
RE: GENERAL MOTORS  
OLD CADILLAC PLANT

WE ARE SENDING YOU THE FOLLOWING ITEMS:

COPIES	DATE	DESCRIPTION
1	01-12-93	UNIFORM HAZARDOUS WASTE MANIFEST #MI 2934979
1	01-12-93	NON-HAZARDOUS WASTE MANIFEST #NHW01
1	01-15-93	CONFIRMATION OF RECEIPT
1	01-12-93	NON-HAZARDOUS WASTE MANIFEST #NHW02
1	01-15-93	CONFIRMATION OF RECEIPT



THESE ARE TRANSMITTED AS CHECKED BELOW:

☐ FOR APPROVAL  
☐ FOR YOUR USE  
☒ AS REQUIRED  
☐ FOR REVIEW AND COMMENT

REMARKS:

THE ENCLOSED MANIFEST(S) ARE SUBMITTED AS PER YOUR REQUEST TO WARNER JOHNSON. SHOULD YOU HAVE THE NEED FOR ANY ADDITIONAL INFORMATION, PLEASE DO NOT HESITATE TO CONTACT OUR OFFICE.

C: \_\_\_\_\_

SIGNED: MICHELLE A. HUNTER FOR  
FORT STREET PROPERTIES, INC.

**DNR**  
MICHIGAN DEPARTMENT  
OF NATURAL RESOURCES

DO NOT WRITE IN THIS SPACE  
ATT. ☐ DIS. ☐ REJ. ☐ PR. ☐

1979 as amended and Act 136 PA  
1969  
Failure to file is punishable under  
section 239.548 MCL or Section 10.0  
Act 136 PA 1969

Please print or type

Form Approved OMB No. 2050-0039 Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>GENERAL MOTORS/OLD CADILLAC PLANT</b> 9001 4TH ST. DETROIT, MI 48209		SITE: <b>GENERAL MOTORS FISHER BODY</b> W. 4TH ST. & WEST END AVE. DETROIT, MI		A. State Manifest Document Number <b>MI 2934979</b>	
4. Generator's Phone (313) <b>842-8360</b>		6. US EPA ID Number		C. State Transporter's ID	
5. Transporter 1 Company Name <b>TRANSTEC ENVIRONMENTAL, INC.</b>		7. Transporter 1 US EPA ID Number <b>018D98701289</b>		D. Transporter's Phone <b>216-875-14831</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address <b>ENSR OPERATIONS</b> 1501 RAFF RD., SW CANTON, OH 44710		10. US EPA ID Number <b>08D981100969</b>		F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone <b>216-477-3474</b>	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. N/H
a. <b>X</b> Hazardous Substance, liquid, n.e.s., ORN-2, HA9188, (Polychlorinated biphenyls), RQ 0.454 K					
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above <b>11.A. OIL</b>		K. Handling Codes for Wastes Listed Above a/ / b/ / c/ / d/ /			
15. Special Handling Instructions and Additional Information <b>STORAGE DATE: 9/15/92</b> <b>EMERGENCY CONTACT 216-875-1419</b> <b>TT #31356T</b> <b>DATE: 9/15/92</b> <b>TO OF CONTAINER: 26</b> <b>TELE: 2750</b> <b>COMPARTMENT: 1</b> <b>ENR 131</b> <b>GENERATOR'S CERTIFICATION:</b> I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>WALTER JOHNSON</b>		Signature <i>Walter Johnson</i>		Date Month Day Year <b>9/1/92</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>HOWARD T. SKIDMORE</b>		Signature <i>Howard T. Skidmore</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space		Date Month Day Year			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 <b>137 SHAWNEE RD 54321 K</b> Printed/Typed Name <b>TERRY MAY</b> Signature <i>Terry May</i> Date Month Day Year <b>10/11/92</b>					





Environmental Protection Services, Inc.

4 Industrial Park Drive

P.O. Box 710

Wheeling, West Virginia 26003-0091

## CONFIRMATION OF RECEIPT

This is to confirm that your 1 transformers picked up on the 12<sup>th</sup> day of JANUARY, 1993 and listed on the 1 pages that make up the Environmental Protection Services pickup sheet identified by number 930095 have arrived at the EPS facility in Wheeling, West Virginia, on this 15<sup>th</sup> day of JANUARY, 1993 and have been placed in storage awaiting processing.

You will receive a Certificate of Completion within 60 days indicating that all work has been performed in accordance with the terms and conditions of our contract.

Barbara L. Otte

SIGNATURE OF EPS REPRESENTATIVE

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

MID 9 8 0 7 0 0 8 7 6

Manifest  
Document No. 2

2. Page 1  
of 1

NHW02

3. Generator's Name and Mailing Address

GENERAL MOTORS FISHER BODY  
West 4th St. & West End Ave.

4. Generator's Phone ( 313 )842-8360

Detroit, Michigan 48209

5. Transporter 1 Company Name

ALL OHIO TRUCKING COMPANY

6. US EPA ID Number

NOT REQUIRED

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ENVIRONMENTAL PROTECTION SERVICES

4 Industrial Park Drive

Wheeling WVa. 26003-0091

10. US EPA ID Number

WV.D.9.8.8.7.7.0.6.7.3

A. Transporter's Phone (304) 277-1000

B. Transporter's Phone

C. Facility's Phone

(304) 232-1590

11. Waste Shipping Name and Description

a. DRAINED TRANSFORMER CARCASS (<500ppm)

12. Containers  
No. Type

0.0.1 T.M. 2.4.3.0.0 P

13. Total  
Quantity

14. Unit  
Wt./Vol

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11a.) Westinghouse transformer, Serial Number PGR50022  
Oil removed 1-12-93  
See attached lab reports

EPS Bar Code# 70801

15. Special Handling Instructions and Additional Information

RETURN GENERATOR'S ORIGINAL MANIFEST COPY TO: REGENCY ENVIRONMENTAL, Inc.  
P.O. Box 211057  
Columbus, Ohio 43221

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

WARNER JOHNSON

Signature

*Warner Johnson*

Month Day Year

01 12 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

TOMMY TUCKER

Signature

*Tommy Tucker*

Month Day Year

1 12 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

LEONARD FITHEN

Signature

*Leonard Fithen*

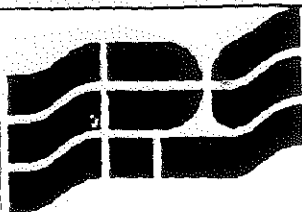
Month Day Year

1 12 93

GENERATOR

TRANSPORTER

ILITY



Environmental Protection Services, Inc.

4 Industrial Park Drive

P.O. Box 710

Wheeling, West Virginia 26003-0091

## CONFIRMATION OF RECEIPT

This is to confirm that your 1 transformers picked up on the 12<sup>th</sup> day of JANUARY, 1993 and listed on the 1 pages that make up the Environmental Protection Services pickup sheet identified by number 930096 have arrived at the EPS facility in Wheeling, West Virginia, on this 15<sup>th</sup> day of JANUARY, 1993 and have been placed in storage awaiting processing.

You will receive a Certificate of Completion within 60 days indicating that all work has been performed in accordance with the terms and conditions of our contract.

A handwritten signature in cursive script, reading "Barbara J. Otto", written over a horizontal line.

SIGNATURE OF EPS REPRESENTATIVE

**ATTACHMENT E**  
**FORMER WASTE COLLECTION STATIONS (SWMU 9)**

BUICK-OLDSMOBILE-CADILLAC GROUP  
GENERAL MOTORS CORPORATION  
FLEETWOOD PLANT  
DETROIT, MICHIGAN

WASTE SOLVENT COLLECTION STATIONS

Designator Code: Building No. - Floor No. - Column No.

<u>No.</u>	<u>Designator</u>	<u>Location</u>	<u>Most Common Materials Collected</u>	<u>Department Responsible for Station</u>
1	6-6-A41	Repair Crib	Acrylic Repair Thinner	Maintenance
2	6-6-D21	Solvent Crib	SnoSol 131-R	Trim & Hardware
3	6-6-E02	Repair Crib	SnoSol 131-R	Maintenance
4	6-4-B31	Solvent Crib	SnoSol 131-R	Trim & Hardware
5	6-2-D23	Solvent Storage	Fabric Cleaner FS-1228, Bright View Windshield Solvent	Trim & Hardware
6	6-1-C06	Column by Ramp	Isopropyl Alcohol, Product Sol #310	Jig & Fixture
7	4-1-H21	Pump Repair Crib	Acrylic Cleaning Thinner 1631	Maintenance
8	4-1-F14	Repair Spray Booth	Xylol, Waste Paint	Maintenance
9	4-1-F13	Millwright Shop	Contact Clean	Maintenance
10	4-1-G07	Machine Repair Shop	1,1,1-Trichloroethane	Maintenance
11	4-1-M02	Maintenance Supply	E-Z Strip, Chem Kleen #224	Maintenance
12	22-1-016	Fork Lift Repair	Waste Oil	Maintenance
13	22-1-015	Fork Lift Repair	Zip Cleaner	Maintenance
14	22-1-P03	Wash Deck	Kerosene, Power Clean #206	Maintenance
15	22-1-P04	Tractor Repair Bay	Waste Oil, Waste Hydraulic Fluid	Maintenance
16	5-1-K01	Paint Mix Room	Waste Paint, Waste Thinner	Paint
17	5-1-G09	Jig & Fixture Machine Rm.	Waste Oil	Jig & Fixture
18	4-2-J15	Spray Training Booth	Acrylic Repair Thinner, Waste Paint	Paint
19	5-2-M03	Oil Sand Area	Oil Sand Solvent, Waste Paint	Paint
20	5-2-M08	Wet Sand Area	Solvent GS-340	Paint
21	5-3-H04	ELPO Area	Cellosolve Acetate, Butyl Cellosolve	Maintenance
22	PH-1-West	Power House Repair Area	Contact Clean	Power House



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

RECEIVED JAN 11 1993  
WMD RCRA  
RECORD CENTER *Compliance*

REPLY TO THE ATTENTION OF:

HRE-8J

January 8, 1992

Mr. Tom Vigliotti  
Fisher Body Fleetwood  
1900 East Jefferson Avenue  
Detroit, MI 48207

Re: Visual Site Inspection  
Fisher Body Fleetwood  
Detroit, MI  
ID# MID 980 700 876

Dear Mr. Vigliotti:

The United States Environmental Protection Agency (U.S. EPA) Region V will conduct a Preliminary Assessment including a Visual Site Inspection (PA/VSI) at the referenced facility. This inspection is conducted pursuant to the Resource Conservation and Recovery Act, as amended (RCRA) Section 3007 and the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA) Section 104(e). The referenced facility has generated, treated, stored, or disposed of hazardous waste subject to RCRA. The PA/VSI requires identification and systematic review of all solid waste streams at the facility. The objective of the PA/VSI is to determine whether or not releases of hazardous wastes or hazardous constituents have occurred or are occurring at the facility which may require further investigation. This analysis will also provide information to establish priorities for addressing any confirmed releases.

The visual site inspection of your facility is to verify the location of all solid waste management units (SWMUs) and areas of concern (AOCs) to make a cursory determination of their condition by visual observation. The definitions of SWMUs and AOCs are included in Attachment I. The VSI supplements and updates data gathered during a preliminary file review. During this site inspection, no samples will be taken. A sampling visit to ascertain if releases of hazardous waste or constituents have occurred may be required at a later date.

Assistance of some of your personnel may be required in reviewing solid waste flow(s) or previous disposal practices. The site inspection is to provide a technical understanding of the present and past waste flows and handling, treatment, storage, and disposal practices. Photographs of the facility are necessary to document the condition of the units at the facility and the waste management practices used.

The VSI has been scheduled for January 19, 1993, at 2:00 p.m. The inspection team will consist of Tim Oliver and Randy Futrell of PRC Environmental Management, Inc., a contractor for the U.S. EPA. Representatives of the Michigan Department of Natural Resources (MDNR) may also be present. Your cooperation in admitting and assisting them while on site is appreciated.

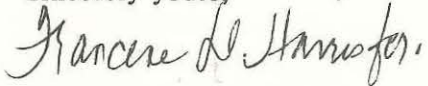


Mr. Tom Vigliotti  
January 8, 1992  
Page 2

The U.S. EPA recommends that personnel who are familiar with present and past manufacturing and waste management activities be available during the VSI. Access to any relevant maps, diagrams, hydrogeologic reports, environmental assessment reports, sampling data sheets, environmental permits (air, NPDES), manifests and/or correspondence is also necessary, as such information is needed to complete the PA/VSI.

If you have any questions, please contact me at (312) 886-4448 or Francene Harris at (312) 886-2884. A copy of the Preliminary Assessment/Visual Site Inspection Report, excluding the conclusions and Executive Summary portion will be sent when the report is available.

Sincerely yours,



Kevin M. Pierard, Chief  
OH/MN Technical Enforcement Section

Enclosure

cc: Terrance Conway, General Motors Legal Staff  
Ben Okwunabua, MDNR